

## WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

## THIRTY-TWO OTHER GREAT TOWNS

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General Register Office, Somerset House,  
January 9th, 1899.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 19·1 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Dec. 17.	Dec. 24.	Dec. 31.	Jan. 7.		Dec. 17.	Dec. 24.	Dec. 31.	Jan. 7.
33 Great Towns	16·6	17·8	19·1	19·1	Leicester - -	14·0	12·5	15·2	16·8
Birkenhead -	15·2	14·3	15·7	17·2	Liverpool - -	19·9	22·1	23·1	23·8
Birmingham -	15·7	19·0	20·9	16·7	London - - -	16·5	17·0	18·4	19·1
Blackburn -	18·4	17·6	23·5	19·7	Manchester - -	20·9	23·0	23·3	22·1
Bolton - - -	15·3	21·3	23·4	21·9	Newcastle-on-Tyne	14·3	18·9	21·3	22·6
Bradford -	14·9	16·3	17·8	15·2	Norwich - - -	15·9	15·4	19·6	19·8
Brighton -	14·1	18·8	18·8	16·1	Nottingham -	21·9	20·8	17·2	19·6
Bristol - -	15·3	17·8	16·5	18·0	Oldham - - -	14·4	20·4	23·6	19·0
Burnley - -	12·4	13·8	16·2	15·7	Plymouth - -	17·9	18·4	22·6	17·6
Cardiff - -	14·7	10·6	14·1	12·6	Portsmouth - -	16·8	14·2	16·2	16·4
Croydon - -	11·7	13·8	12·6	15·9	Preston - - -	17·9	21·1	19·3	23·5
Derby - - -	10·9	13·4	16·9	14·7	Salford - - -	15·5	25·4	17·4	22·2
Gateshead -	14·6	15·6	24·6	12·7	Sheffield - -	18·4	18·4	19·2	17·2
Halifax - -	13·5	19·4	14·6	27·7	Sunderland - -	21·7	17·0	19·2	21·5
Huddersfield-	15·8	14·8	13·7	14·6	Swansea - - -	21·5	30·2	21·0	22·6
Hull - - -	12·0	15·0	19·3	18·0	West Ham - -	16·4	14·7	19·5	15·1
Leeds - - -	16·8	17·8	18·8	21·4	Wolverhampton	15·4	12·4	24·3	18·2

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in West Ham, in Bolton, and in Salford, 1·2 in Manchester, and 2·4 in Nottingham; and from *whooping-cough*, 1·1 in Halifax. In none of the thirty-three towns did the death-rate from *scarlet fever*, from "*fever*," or from *diarrhœa*, reach 1·0 per 1000. The 96 deaths from *diphtheria* included 30 in London, 11 in Swansea, 10 in Leeds, 9 in Liverpool, 6 in Sheffield, 5 in West Ham, 4 in Manchester, and 3 in Portsmouth. No death from *small-pox* was registered in any of the thirty-three towns.

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.



## LONDON.

In LONDON\* 2893 BIRTHS and 1666 DEATHS were registered. Allowing for increase of population, the births were 68, and the deaths 504, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 16·5, 17·0, and 18·4 in the preceding three weeks, further rose last week to 19·1. During the four weeks ending on Saturday last the death-rate averaged 17·8 per 1000, being 5·1 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1666 deaths included 27 from measles, 11 from scarlet fever, 30 from diphtheria, 41 from whooping-cough, 17 from enteric fever, 13 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 139 deaths were referred to these diseases, being 97 below the corrected average weekly number.

The deaths from *measles*, which had been 31, 24, and 31 in the preceding three weeks, fell again last week to 27, and were 48 below the corrected average; 7 cases belonged to Mile End Old Town sanitary area. The deaths from *scarlet fever*, which had been 6, 14, and 12 in the preceding three weeks, further fell last week to 11, and were 11 below the corrected average. The deaths from *diphtheria*, which had been 40, 46, and 47 in the preceding three weeks, fell last week to 30, and were 19 below the corrected average; 5 cases belonged to Newington and 3 to Bermondsey sanitary areas. The deaths from *whooping-cough*, which had been 26, 21, and 32 in the preceding three weeks, further rose last week to 41, but were 26 below the corrected average; 10 cases belonged to Newington, 6 to Islington, and 5 to Chelsea sanitary areas. The fatal cases of *enteric fever*, which had been 19, 21, and 15 in the preceding three weeks, rose again last week to 17, and were 5 above the corrected average; 2 cases belonged to Fulham and 2 to Clerkenwell sanitary areas. The deaths from *diarrhœa*, which had been 13, 19, and 14 in the preceding three weeks, were 13 last week, the corrected average being 12. The death of a general warehouseman, aged 34 years, in Collett Road, Bermondsey, was certified to be due to *malignant pustule*. The deaths referred to diseases of the respiratory organs, which had been 283, 284, and 306 in the preceding three weeks, further rose last week to 365, but were 311 below the corrected average. The deaths attributed directly to *influenza* numbered 17, having been 13, 12, and 15 in the preceding three weeks.

Different forms of violence caused 82 deaths, concerning all but 1 of which inquests were held. Of these 82 deaths, 19 were cases of suicide, and 1 of execution, while the remaining 62 were attributed to accident or negligence. Six of these were referred to vehicles in the streets, 6 to burns and scalds, 5 to drowning, and 16 of infants under one year of age) to suffocation in bed.

## CASES OF INFECTIOUS SICKNESS IN HOSPITALS†.

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2912 cases of scarlet fever, 1256 of diphtheria, and 254 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 291 cases, against 260, 221, and 225; of diphtheria, 156 cases, against 155, 171, and 166; and of enteric fever, 36 cases, against 43, 40, and 30.

\* Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

† The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.



DEATHS OF PERSONS BELONGING to LONDON and its SANITARY AREAS,  
REGISTERED in the 13 WEEKS ENDING 31st DECEMBER, 1898.

SANITARY AREAS.	Total Deaths from all Causes	Deaths from Principal Zymotic Diseases.									Deaths from Phthisis.	Deaths of Infants under 1 Year of Age.	Deaths under 1 Year to 1000 Births registered.
		Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping cough.	Typhus.	Enteric Fever.	Simple and undefined Fever.	Diarrhoea.			
REGISTRATION LONDON	18,804	1	264	138	506	240	1	271	3	470	1,975	4,455	137
West.													
Paddington - - -	479	-	-	1	22	12	-	8	1	7	46	108	143
Kensington - - -	584	-	2	3	3	5	-	9	-	12	47	113	133
Hammersmith - - -	411	-	1	10	7	5	-	9	-	10	30	118	155
Fulham - - -	464	-	1	12	14	6	-	12	-	11	44	133	132
Chelsea - - -	339	-	3	5	4	3	-	5	-	9	37	88	164
St. George Hanover Square -	242	1	-	-	4	1	-	-	-	4	29	26	75
St. Margt & St. John Westr. -	219	-	2	1	1	4	-	2	-	4	35	27	109
St. James Westminster -	93	-	1	-	2	-	-	-	-	3	10	21	202
North.													
St. Marylebone - - -	582	-	1	4	10	4	-	12	-	9	76	104	104
Hampstead - - -	219	-	-	1	3	-	-	7	-	2	7	32	87
St. Pancras - - -	1,112	-	17	17	43	12	-	22	-	32	126	231	138
Islington - - -	1,274	-	12	5	12	27	1	17	-	29	151	301	132
Stoke Newington - - -	103	-	-	-	1	-	-	1	-	1	10	15	76
Hackney - - -	791	-	15	6	21	7	-	19	-	14	77	204	123
Central.													
St. Giles - - -	164	-	-	1	2	1	-	2	-	1	31	22	88
St. Martin-in-the-Fields -	50	-	-	-	-	-	-	-	-	1	8	8	170
Strand - - -	119	-	-	-	-	-	-	3	-	4	19	19	152
Holborn - - -	169	-	1	-	3	3	-	1	-	6	26	39	210
Clerkenwell - - -	344	-	18	4	3	1	-	2	-	17	48	92	183
St. Luke - - -	265	-	12	9	7	-	-	1	-	7	25	54	115
City of London - - -	133	-	-	-	6	-	-	3	1	-	9	17	139
East.													
Shoreditch - - -	591	-	23	5	11	2	-	8	-	14	70	166	155
Bethnal Green - - -	833	-	37	4	21	1	-	9	-	17	62	191	159
Whitechapel - - -	400	-	17	1	4	4	-	2	-	12	57	96	140
St. George-in-the-East -	231	-	3	-	5	6	-	3	-	8	24	79	159
Limehouse - - -	300	-	13	2	12	6	-	5	1	8	37	59	123
Mile End Old Town - - -	568	-	28	2	23	1	-	7	-	16	48	143	132
Poplar - - -	799	-	10	3	14	3	-	15	-	27	73	238	159
South.													
St. Saviour - - -	133	-	10	-	5	4	-	3	-	1	13	26	143
St. George-the-Mar.Southwk.	369	-	6	2	10	7	-	5	-	12	54	92	174
Newington - - -	663	-	11	3	26	21	-	2	-	23	77	173	171
St. Olave - - -	49	-	-	-	-	2	-	1	-	-	5	10	100
Bermondsey - - -	466	-	4	2	25	8	-	2	-	12	47	135	179
Rotherhithe - - -	178	-	-	1	2	4	-	1	-	2	19	42	137
Lambeth - - -	1,201	-	2	12	46	19	-	15	-	32	112	272	122
Battersea - - -	662	-	1	5	47	9	-	9	-	12	74	157	127
Wandsworth - - -	664	-	3	3	20	18	-	8	-	18	68	146	115
Camberwell - - -	994	-	4	5	26	15	-	10	-	28	95	261	143
Greenwich - - -	795	-	1	5	14	9	-	15	-	21	80	196	138
Lee - - -	141	-	-	1	6	2	-	1	-	2	14	30	128
Lewisham (excluding Penge)	294	-	1	-	9	3	-	5	-	12	17	62	111
Woolwich - - -	192	-	1	1	11	3	-	5	-	5	20	32	105
Plumstead - - -	224	-	-	1	1	2	-	2	-	6	18	77	165

In the above Table all deaths of persons in, or on the way to, Hospitals and other Public Institutions, as well as those of persons under treatment in surgical homes, or dying by accident or otherwise in the streets, have been distributed, as far as practicable, to the sanitary areas in which the deceased had previously resided. The deaths of 413 London residents who died outside Registration London in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, the City of London Lunatic Asylum at Stone, and the Metropolitan Hospitals and Asylums, have been similarly distributed. In 500 cases the previous residence was outside Registration London, and these have been excluded from the Table.

### GREATER LONDON.

In Greater London 4086 births and 2152 deaths were registered, corresponding to annual rates of 32·6 and 17·2 per 1000 of the estimated population. In the Outer Ring 8 deaths from measles, 3 from scarlet fever, 13 from diphtheria, 17 from whooping-cough, and 6 from "fever," were registered. Six deaths from measles, 7 from diphtheria, 5 from whooping-cough, and 3 from "fever" occurred in West Ham district.



## METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·60 inches, and that of the Thermometer 42°0'; the latter being 3·7° above the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being one per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 5·6 hours; the measured rainfall amounted to 0·24 of an inch.

### RETURNS OF LONDON WATER COMPANIES.

The LONDON WATER COMPANIES have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of December 1898. The supply was in the ratio of 220 gallons to one service.

COMPANIES.	Number of Services.		Daily Supply of Water in Gallons.	
	DECEMBER, 1897.	DECEMBER, 1898.	DECEMBER, 1897.	DECEMBER, 1898.
TOTAL SUPPLY - - - -	852,536	871,596	196,861,493	191,717,971
From Thames - - - - -	410,682	418,693	103,648,376	102,367,118
From Lea and from other Sources -	441,854	452,903	93,213,117	89,350,853
THAMES.				
Chelsea - - - - -	37,776	38,065	11,629,195	11,419,640
West Middlesex - - - - -	81,825	83,390	20,169,796	20,095,537
Southwark and Vauxhall - - - -	121,136	122,191	31,068,207	30,288,167
Grand Junction - - - - -	61,859	63,521	18,634,707	17,974,880
Lambeth - - - - -	108,086	111,526	22,146,471	22,588,894
LEA AND OTHER SOURCES.				
New River - - - - -	163,200	165,534	34,773,395	35,212,278
East London - - - - -	192,264	197,652	43,374,542	38,308,993
Kent - - - - -	86,390	89,717	15,065,180	15,829,582

*Note.*—The Return for December 1898, as compared with that for the corresponding month of 1897 shows an increase of 19,060 services and a decrease of 5,143,522 gallons of water supplied daily.

### ANALYSIS OF METROPOLITAN WATER SUPPLY DURING DECEMBER, 1898.

*Water-analysis Laboratory, The Yews, Reigate,  
30th December, 1898.*

SIR,

I HAVE to report to you the results of the chemical analysis, and of the physical and bacterioscopic examination of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of December.

These examinations include (*a*) the bacterioscopic and chemical condition of the raw river waters at the intakes of the various Companies, and (*b*) the bacteriology of the water as it issues from the filter beds of each Company, and before it is pumped into the distributing mains.

I append, also, the results obtained in the analysis of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill, of Birmingham, and Dr. Mills, of Glasgow.

Taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December 1876, as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies, was:—Kent 0·8, New River 1·5, East London (deep well) 2·1, East London (river supply) 4·2, West Middlesex 4·6, Chelsea 5·9, Southwark 6·8, Grand Junction 7·1, and Lambeth 7·4. The unfiltered waters contained the following proportions:—Thames at Hampton 9·9, New River Cut 2·0, and Lea at Angel Road 6·4.

The Thames at Hampton was, on December 14th, turbid and pale brown in colour; it was of bad bacterial and very bad chemical quality. The water supplied by the five Companies drawing from this river was, in every case, efficiently filtered before delivery, but, owing to heavy floods and insufficient storage, the water sent out by all the Companies, except the West Middlesex, contained an excess of organic matter, which was, however, almost entirely of vegetable origin. The Southwark Company's general supply from Hampton contained a large excess of microbes over the standard of 100 per cubic centimetre. The bacterial improvement effected by these Companies is expressed by the following percentage numbers:—Chelsea 99·80, West Middlesex 99·81, Southwark (general supply from Hampton) 97·78, Grand Junction (general well at Hampton) 99·48, (general well at Kew) 99·84, (south well at Kew) 99·88, (general supply from Kew) 99·78, and Lambeth 99·68.



# Analysis of Metropolitan Waters.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.		Date and Place of Collection.	Temperature in Centigrade degrees.	Total Solid Matter.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen as Ni- trates and Nitrites.	Total Combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.		°								
	(Unfiltered water) -	December 14th, Grand Junction Co.'s intake at Hampton.	7.9	34.72	.517	.069	.008	.283	.359	1.8	21.8
	Chelsea - - -	December 17th, Cab Rank, Horse Guards, Whitehall.	8.9	31.98	.300	.045	0	.246	.291	1.8	21.2
	West Middlesex -	December 17th, Cab Rank, Riding House- street.	9.5	30.74	.243	.021	0	.263	.289	1.7	20.6
	Southwark - -	December 17th, Cab Rank, St. George's Church, Borough.	8.5	32.84	.366	.036	0	.311	.347	1.7	21.5
	Grand Junction -	December 17th, Cab Rank, Portman- street, Oxford-street.	8.8	32.10	.387	.032	0	.319	.351	1.7	21.2
	Lambeth - - -	December 17th, Cab Rank, St. George's- road, Southwark.	8.7	30.68	.387	.050	0	.316	.336	1.7	20.0
	LEA.										
	(Unfiltered water) -	December 16th, New River Cut at Green Lanes.	7.9	38.24	.106	.013	.006	.274	.292	1.7	23.3
	New River - -	December 17th, Cab Rank, Tottenham Court-road.	8.9	35.25	.078	.011	0	.310	.321	1.7	22.1
Outer Circle.	(Unfiltered water) -	December 16th, E. London Co.'s intake at Angel-road.*	7.9	40.88	.308	.072	.016	.483	.563	2.0	26.6
	East London - -	December 17th, Cab Rank, Sidney-street, E.	8.7	39.20	.229	.021	0	.353	.379	2.1	23.9
	DEEP WELLS.										
	Kent - - - -	December 17th, Police Station, Blackheath-road.	11.9	40.20	.042	.005	0	.461	.469	2.0	6.6
	East London - -	December 28th, Waltham Abbey Well.	—	28.52	.114	.010	.011	trace	.022	2.1	19.7
	Corporation of Birming- ham* - - - -	December 5th, Rear of 35 York-street, Harborne.	7.8	34.8	.280	.040	.001	.350	.391	2.6	21.0
	Corporation of Glasgow†	December 15th, Loch Katrine water.	7.5	3.12	.173	.019	0	.005	.024	.6	1.27
	Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

\* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers contained in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus:—The Thames water collected on the 14th December at the Grand Junction Company's intake at Hampton had a temperature of 7.9° C.; 100,000 lbs. of it contained 34.72 lbs. of solid matter in solution; the organic substances, constituting a portion of this matter, contained .517 lb. of carbon and .069 lb. of nitrogen. The above quantity of water also contained .008 lb. of ammonia and .283 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was .359 lb. The above weight of water also contained 1.8 lb. of chlorine, and 21.8 lbs. of carbonate of lime, or an equivalent amount of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.







CITIES AND BOROUGHES.	POPULATION to the middle of the Year 1856. <sup>a</sup>	Registered during the Week ending 7th January 1856.		The DEATHS registered in the Week include																TEMPERATURE OF THE AIR.						RAINFALL.		CITIES AND BOROUGHES.
		BIRTHS.	DEATHS.	Deaths of		Deaths from								Causes of Death.				Annual Rate per 1000, corresponding to the Week's Deaths.		Mean.				In Inches.	In Centi- metres.			
				1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unclassified Causes of Death.	From All Causes.	From Diseases in Cols. 6-15.	Highest.	Lowest.	Fahrenheit.	Centigrade.						
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.			
33 TOWNS	11,404,408	7230	4174	933	1107	-	84	30	96	80	47	30	168	401	913	63	191	16	53.5	24.6	39.9	4.39	0.60	1.52	33 TOWNS.			
LONDON	4,546,752*	2893	1666	325	474	-	27	11	30	41	17	13	82	209	540	12	191	16	53.0	30.2	42.0	5.56	0.24	0.61	LONDON.			
WEST HAM	300,241	180	87	20	24	-	6	-	5	1	3	-	5	7	6	1	151	26	-	-	-	-	-	-	WEST HAM.			
CROYDON	127,759	66	39	8	11	-	-	1	1	-	-	-	-	1	4	8	159	0.8	30.5	40.6	4.78	0.21	0.53	CROYDON.				
BRIGHTON	123,226	70	38	9	14	-	-	-	2	2	-	1	2	2	4	1	161	21	51.4	46.4	48.8	6.56	0.62	1.32	BRIGHTON.			
PORTSMOUTH	190,741	124	60	15	18	-	1	1	3	-	-	-	-	2	3	1	164	14	-	-	-	-	-	-	PORTSMOUTH.			
PLYMOUTH	100,637	65	34	8	8	-	1	-	1	-	-	-	-	1	2	-	178	0.5	-	-	-	-	-	-	PLYMOUTH.			
BRISTOL	320,911	211	111	33	40	-	-	-	1	5	-	2	4	10	15	2	180	13	52.0	32.0	41.4	5.22	0.80	2.03	BRISTOL.			
CARDIFF	185,828	110	45	12	9	-	-	-	2	3	-	-	2	4	5	1	126	14	-	-	-	-	-	-	CARDIFF.			
SWANSEA	103,722	59	45	11	10	-	-	-	11	-	-	-	-	1	2	4	1	226	5.5	-	-	-	-	-	-	SWANSEA.		
WOLVERHAMPTON	88,821	79	31	5	7	-	-	-	1	1	-	-	-	-	1	-	182	12	51.8	29.4	38.4	3.56	0.68	1.73	WOLVERHAMPTON.			
BIRMINGHAM	514,956	374	165	24	38	-	2	1	2	3	2	1	11	15	28	2	167	11	-	-	-	3.44	0.68	1.73	BIRMINGHAM.			
NORWICH	113,263	57	43	6	22	-	-	2	1	-	1	-	1	2	4	1	198	18	51.0	24.6	38.2	3.44	-	-	NORWICH.			
LEICESTER	213,851	135	69	18	18	-	-	1	2	1	-	-	6	7	9	5	168	12	-	-	-	-	-	-	LEICESTER.			
NOTTINGHAM	239,384	139	90	28	11	-	11	-	3	2	3	3	3	7	16	1	196	41	51.2	30.3	38.3	3.50	0.58	1.47	NOTTINGHAM.			
DERBY	106,401	62	30	5	7	-	-	1	-	-	1	-	1	3	8	-	147	10	-	-	-	-	-	-	DERBY.			
BIRKENHEAD	115,162	75	38	8	12	-	-	-	1	1	2	-	-	3	5	2	172	18	-	-	-	-	-	-	BIRKENHEAD.			
LIVERPOOL	634,212	486	289	69	59	-	5	2	9	2	3	3	7	18	63	9	238	19	53.2	34.0	41.5	5.28	0.54	1.37	LIVERPOOL.			
BOLTON	162,221	85	68	17	17	-	3	1	-	1	2	-	-	8	5	-	219	23	-	-	-	-	-	-	BOLTON.			
MANCHESTER	543,402	323	231	58	47	-	13	1	4	1	3	3	11	28	51	1	221	24	-	-	-	-	-	-	MANCHESTER.			
SALFORD	218,744	129	93	30	16	-	4	2	2	2	1	1	2	10	20	1	222	29	-	-	-	-	-	-	SALFORD.			
OLDHAM	150,772	70	55	14	19	-	-	-	2	2	1	-	1	3	6	-	190	10	-	-	-	-	-	-	OLDHAM.			
BURNLEY	113,081	49	34	9	11	-	-	-	-	-	1	-	1	1	3	2	157	0.5	-	-	-	-	-	-	BURNLEY.			
BLACKBURN	135,154	78	51	13	14	-	-	2	1	-	-	-	1	3	3	2	197	12	-	-	-	-	-	-	BLACKBURN.			
PRESTON	117,622	73	53	13	14	-	-	-	1	1	-	1	1	1	6	1	235	0.9	-	-	-	-	-	-	PRESTON.			
HUDDESFIELD	103,464	49	29	4	9	-	-	-	-	-	1	-	3	3	6	2	146	0.5	52.2	29.5	38.0	3.33	1.01	2.57	HUDDESFIELD.			
HALIFAX	97,721	54	52	15	14	-	-	1	-	2	-	-	2	4	10	2	277	1.6	-	-	-	4.00	0.95	2.41	HALIFAX.			
BRADFORD	236,241	123	69	11	26	-	-	1	-	1	-	1	1	1	7	3	152	0.7	52.0	32.4	39.2	4.00	-	-	BRADFORD.			
LEEDS	423,889	290	174	43	35	-	5	-	10	2	-	-	5	18	17	3	214	21	-	-	-	-	-	-	LEEDS.			
SHEFFIELD	361,169	238	119	26	26	-	1	-	6	2	5	-	4	6	12	4	172	2.0	-	-	-	-	-	-	SHEFFIELD.			
HULL	234,270	177	81	21	25	-	2	-	1	2	1	-	2	7	14	1	180	1.3	51.0	27.0	37.6	3.11	0.93	0.97	HULL.			
SUNDERLAND	145,613	93	60	16	17	-	1	1	1	1	-	-	2	3	5	1	215	1.4	-	-	-	-	-	-	SUNDERLAND.			
GATESHEAD	106,552	61	26	8	7	-	1	1	1	1	-	-	2	2	2	2	127	1.0	-	-	-	-	-	-	GATESHEAD.			
NEWCASTLE	228,625	153	99	21	28	-	1	-	-	2	-	-	2	6	20	1	226	0.7	-	-	-	-	-	-	NEWCASTLE.			

\* See note \* on first page of this return.



TABLE 2. LONDON.—Births and Deaths Registered in the FIRST Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2855	2961	2817	2911	2577	2486	3085	2735	2717	3001	2961·2	2893
Males - -	1481	1516	1420	1479	1311	1306	1569	1425	1359	1509	1512·4	1437
Females - -	1374	1445	1397	1432	1266	1180	1516	1310	1358	1492	1448·8	1456
<b>TOTAL Deaths -</b>	1784	2371	2505	2679	2509	2038	1462	1707	1580	1990	2170·0	1666
Males - -	905	1202	1221	1248	1221	1001	751	899	803	973	1075·7	882
Females - -	879	1169	1284	1431	1288	1037	711	808	777	1017	1094·3	784

\*The numbers in this column are the average weekly numbers in the first week of the ten years 1889-98, raised by 5·213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES OF INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Oct. 15.	Oct. 22.	Oct. 29.	Nov. 5.	Nov. 12.	Nov. 19.	Nov. 26.	Dec. 3.	Dec. 10.	Dec. 17.	Dec. 24.	Dec. 31.	Jan. 7.
<b>TOTAL Births</b> - -	2454	2408	2652	2530	2696	2585	2155	2575	2577	2519	2422	2215	2893
<b>TOTAL Deaths</b> - -	1600	1497	1411	1394	1405	1436	1439	1569	1447	1423	1470	1593	1666
<b>Ages at Death</b>													
Under 1 year - -	415	351	349	357	328	310	320	362	289	286	292	339	325
1-5 years - -	180	167	169	155	158	171	157	203	166	176	189	188	175
5-20 " - -	95	93	82	73	76	98	95	73	77	88	100	95	73
20-40 " - -	204	199	178	198	191	197	198	190	196	174	213	188	224
40-60 " - -	324	320	282	276	293	305	287	297	320	317	292	354	390
60-80 " - -	307	290	287	268	299	286	302	349	351	303	316	350	396
80 years and upwards	75	77	64	77	60	69	80	90	68	79	65	79	78
<b>Deaths from—</b>													
Small pox - -	1	-	19	-	-	-	-	-	-	-	-	-	-
Measles - -	9	12	19	23	19	19	24	25	22	31	24	31	27
Scarlet Fever - -	7	14	10	13	17	12	7	9	11	6	14	12	11
Diphtheria - -	41	30	46	28	31	44	38	43	43	40	46	47	30
Whooping-cough - -	17	10	13	10	13	14	16	28	22	26	21	32	41
Typhus - -	-	-	-	1	-	-	-	-	1	-	-	-	-
Enteric Fever - -	18	28	20	29	27	28	33	21	26	19	21	15	17
Simple Continued Fever - -	-	-	2	-	-	-	-	-	-	-	-	1	-
Diarrhoea and Dysentery ..	99	48	33	34	17	16	6	17	19	13	19	14	13
Cholera - -	1	-	1	-	-	-	1	-	-	-	-	-	-
<b>All the above Diseases</b> -	193	142	144	138	124	133	125	143	144	135	145	152	139
<b>Dis. of Respiratory System—</b>	263	263	262	237	248	285	280	340	295	283	284	306	365
Phthisis - -	173	169	140	135	155	183	148	161	153	143	156	165	163
Dis. of Circulatory System -	143	137	125	130	133	125	145	145	140	123	136	157	186
Violence - -	56	52	63	50	71	67	66	76	53	72	73	93	82
Inquest Cases - -	145	121	135	114	143	137	139	179	131	146	153	209	209
Deaths in Public Institutions -	489	459	459	433	451	468	473	446	474	449	470	488	540
<b>TEMPERATURE OF THE AIR.</b>													
Mean - -	49·5	55·3	55·5	49·8	49·6	48·0	41·7	44·1	49·4	48·0	40·1	43·3	42·0
Mean of Highest readings -	55·1	60·0	61·0	56·5	56·0	52·5	45·2	47·6	52·7	51·9	45·3	48·1	46·9
Mean of Lowest readings -	44·5	50·8	50·6	43·0	44·0	43·1	37·3	39·5	45·1	43·0	34·6	36·8	36·2
<b>Humidity of the Air</b> - -	86	87	82	79	93	89	90	85	83	83	80	84	87
<b>Rain-fall (in inches)</b> - -	0·42	1·42	1·03	0·52	0·02	0·02	1·88	0·26	1·34	0·00	0·02	0·81	0·24
<b>Registered Sunshine (in hours)</b>	125	10·9	22·2	28·7	27·2	10·7	7·0	5·6	6·7	0·8	12·9	14·0	5·6
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - -	-	-	-	-	-	-	-	-	-	-	-	-	1
Scarlet Fever - -	2728	2915	3031	3092	3188	3259	3162	3142	3090	3043	2901	2939	2912
Diphtheria - -	1125	1169	1187	1241	1251	1251	1250	1274	1314	1310	1281	1243	1256
Enteric Fever - -	191	214	223	230	242	252	266	286	286	285	266	255	254

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—B. H. Manby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Bobbyer Esq., M.B., Nottingham; B. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.



TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIRST Week of the Year 1899.

CAUSES OF DEATH		Corrected Averages for the 1st Week of 1889-98.	In the Week ending Saturday, 7th January 1899.								Corrected Averages for the 1st Week of 1889-98.	In the Week ending Saturday, 7th January 1899.								
			Deaths of Persons of the Ages									Deaths of Persons of the Ages								
			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	
				0-1.	1-5.	5-20.							0-1.	1-5.	5-20.					
CAUSES	- - -	2170.0	1666	325	175	78	224	390	396	78	Diseases of Circulatory System	189.5	186	2	1	8	31	70	65	9
all- { Vaccinated	-	-	-	-	-	-	-	-	-	-	Croup	7.6	4	-	2	2	-	-	-	-
x { Unvaccinated	0.1	-	-	-	-	-	-	-	-	-	Bronchitis	433.7	208	39	17	7	36	91	18	3
les	74.5	27	2	25	-	-	-	-	-	-	Pneumonia	173.2	109	22	25	5	8	34	12	3
et Fever	21.9	11	-	5	6	-	-	-	-	-	Pleurisy	9.3	3	-	-	1	1	1	-	-
us	-	-	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System	51.9	41	10	3	-	3	10	13	2
oping Fever	-	-	-	-	-	-	-	-	-	-	Dentition	8.7	6	4	2	-	-	-	-	-
enza	28.5	17	2	-	-	2	3	9	1	-	Quinsy, Sore Throat	1.4	-	-	-	-	-	-	-	-
oping-cough	66.5	41	21	20	-	-	-	-	-	-	Enteritis	12.1	16	4	3	2	3	2	1	1
theria	49.2	30	3	16	10	-	-	1	-	-	Peritonitis	8.4	4	-	-	2	-	1	1	-
le Continued and	0.2	-	-	-	-	-	-	-	-	-	Diseases of Liver	24.2	28	1	1	1	1	14	10	-
defined Fever	11.5	17	-	1	3	13	-	-	-	-	Other Diseases of Digestive System	34.0	43	9	3	3	11	9	5	3
ric Fever	0.1	13	11	1	-	-	-	1	-	-	Diseases of Lymphatic System & of Ductless Glands	1.7	2	-	-	-	-	1	1	-
era and Chol. Diarr.	12.4	13	11	1	-	-	-	-	-	-	Diseases of Urinary System	49.7	53	-	1	-	12	19	19	2
choea, Dysentery	0.1	-	-	-	-	-	-	-	-	-	Diseases of Generative System	4.7	5	-	-	-	-	4	1	-
ttent Fever	0.1	-	-	-	-	-	-	-	-	-	Accidents of Childbirth	6.0	4	-	-	-	3	1	-	-
rophobia	0.1	-	-	-	-	-	-	-	-	-	Diseases of Locomotive System	6.6	3	-	-	2	1	-	-	-
lers	0.1	-	-	-	-	-	-	-	-	-	Diseases of Integumentary System	6.2	6	1	1	-	-	1	3	-
ox and Effects of	-	-	-	-	-	-	-	-	-	-	VIOLENT DEATHS:†									
ecination	9.0	4	1	-	-	2	1	-	-	-	(ACCIDENT.)									
real Affections	5.6	4	1	-	-	1	2	-	-	-	By Railways	75.6	1	-	-	1	1	-	-	-
ipelas	2.7	2	1	1	-	-	-	-	-	-	By Vehicles or Horses		6	-	1	1	1	1	2	-
ia and Septicæmia	5.6	3	-	-	-	2	1	-	-	-	In Ships, Boats, Docks, (exclusive of Drowning)		1	-	-	-	-	1	-	
peral Fever	2.1	1	-	-	-	1	-	-	-	-	In Building Operations		3	-	2	1	-	-	-	-
r Zymotic Diseases	-	-	-	-	-	-	-	-	-	-	In Conflagrations		3	-	2	1	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	By Burns, Scalds, Explosions		6	1	3	1	-	1	-	-
sh	0.7	-	-	-	-	-	-	-	-	-	By Drowning		5	-	-	-	3	-	2	-
ns and other Para-	0.3	-	-	-	-	-	-	-	-	-	By Suffocation in Bed		16	16	-	-	-	-	-	-
cal Diseases	-	-	-	-	-	-	-	-	-	-	By Poisons or Poisonous Vapours		1	-	1	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	Other or not stated causes		23	1	1	-	6	8	6	1
ration, Want of	1.8	3	3	-	-	-	-	-	-	-	(VIOLENCE OTHER THAN ACCIDENTAL.)									
ast-milk	16.1	17	-	-	-	4	9	4	-	-	Homicide	1.8	-	-	-	-	-	-	-	-
holism	-	-	-	-	-	-	-	-	-	-	Suicide	8.4	19	-	-	2	10	2	5	-
	-	-	-	-	-	-	-	-	-	-	Execution	0.2	1	-	-	1	-	-	-	-
umatic Fever, {	9.4	6	-	-	1	3	2	-	-	-	OTHER CAUSES	62.4	50	45	3	-	-	2	-	-
eunatism of Heart }	2.8	3	-	-	-	1	1	1	-	-										
matism	3.5	2	-	-	-	-	-	2	-	-										
ets	4.8	5	-	5	-	-	-	-	-	-										
er	68.1	75	-	1	6	39	26	3	-	-										
s Mesenterica	17.9	12	5	6	1	-	-	-	-	-										
rcular Meningitis	22.1	23	6	10	4	2	1	-	-	-										
isis	191.3	163	1	11	3	67	63	18	-	-										
ula, Tuberculosis	17.1	17	8	3	2	3	1	-	-	-										
r Constitutional }	15.2	18	1	1	1	2	6	7	-	-										
ases	-	-	-	-	-	-	-	-	-	-										
ature Birth	55.8	57	57	-	-	-	-	-	-	-										
ectasis	4.7	4	4	-	-	-	-	-	-	-										
enital Malforma-	9.6	9	9	-	-	-	-	-	-	-										
ns	63.3	56	-	-	-	-	31	25	-	-										
Age	-	-	-	-	-	-	-	-	-	-										
lexy	51.9	60	-	-	-	3	24	28	5	-										
psy	6.7	6	-	-	-	-	2	4	-	-										
ulsions	40.5	32	26	6	-	-	-	-	-	-										
r Diseases of Brain	95.2	72	8	5	4	10	18	22	5	-										
r Nervous System }	-	-	-	-	-	-	-	-	-	-										
ses of Organs of	-	-	-	-	-	-	-	-	-	-										
cial Sense	3.8	3	-	-	2	1	-	-	-	-										

The numbers in this column are the average weekly deaths for the ten years 1883-97, raised by 5.230 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or, when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement." The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such cases are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHOEA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 7th January, 1899.

REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	The DEATHS registered during the Week include																	Inquest Cases.	Deaths in Public Institutions.	Un- certified Causes of
					Deaths of		Deaths from																	
							Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.						
LONDON - - -		4,411,710	2893	1666	325	474	-	27	11	30	41	-	17	-	13	82	209	540	12					
WEST DISTRICTS		778,251	454	291	48	90	-	1	3	2	8	-	4	-	3	19	41	104	1					
NORTH DISTRICTS		1,040,694	628	341	71	85	-	5	2	10	11	-	4	-	4	14	44	100	-					
CENTRAL DISTRICTS		233,635	146	92	18	25	-	-	-	1	1	-	3	-	1	6	14	32	-					
EAST DISTRICTS		716,334	539	339	61	100	-	17	-	4	3	-	4	-	1	17	51	130	-					
SOUTH DISTRICTS		1,642,796	1126	577	127	165	-	4	5	14	18	-	4	-	4	26	59	148	11					
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* }		-	-	26	-	9	-	-	1	-	-	-	-	-	-	-	-	26	-					
WEST DISTRICTS.																								
St. Mary Paddington } G. & W.		90,996	48	33	4	14	-	-	-	-	2	-	-	-	2	2	4	8	-					
WHH }																								
St. John Paddington } H - - G.		33,510	14	19	1	3	-	-	-	-	-	-	-	-	-	-	1	10	-					
Kensington Town Ww - - W.		122,164	71	68	20	20	-	-	-	-	1	-	-	-	-	6	14	27	-					
Brompton HH- - - W & C.		48,301	18	10	-	5	-	-	-	-	-	-	-	-	-	-	-	1	-					
St. Peter Hammersmith - - W.		9,097	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
St. Paul Hammersmith HH W. & G.		25,102	68	27	4	11	-	-	-	-	-	-	1	-	-	4	7	5	-					
Fulham Ww - - - W. & C.		113,781	109	34	6	11	-	-	3	-	-	-	1	-	-	-	2	13	-					
Chelsea Kensal Town - - C.		21,450	14	13	3	3	-	1	-	1	1	-	1	-	-	-	-	-	-					
Chelsea North WHHHHH - C.		42,057	26	15	2	2	-	-	-	-	3	-	-	-	-	1	2	6	-					
Chelsea South HH - - C.		33,139	14	7	1	3	-	-	-	-	1	-	-	-	-	1	-	-	-					
May Fair W - - - G.		23,827	5	13	1	4	-	-	-	-	-	-	-	-	-	1	1	8	-					
Belgrave WHHH - - C.		56,140	23	27	3	6	-	-	-	1	-	-	1	-	-	4	6	15	-					
St. John Westminster HH - - C.		31,492	20	7	2	2	-	-	-	-	-	-	-	-	-	-	-	1	-					
St. Margaret Westminster H- C.		22,097	3	5	1	-	-	-	-	-	-	-	-	-	-	1	1	5	-					
St. James Westminster } N. & G.		23,050	9	8	-	5	-	-	-	-	-	-	-	-	-	-	1	5	-					
WHH }																								
St. Anne Soho HHHHHH - N.		12,048	4	4	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-					
NORTH DISTRICTS.																								
All Souls Marylebone } - - W.		36,595	14	10	-	1	-	-	-	1	-	-	-	-	-	1	1	4	-					
HHHHHHHHH }																								
Rectory Marylebone W } G. & W.		19,798	6	5	-	2	-	-	-	-	-	-	-	-	-	-	1	1	-					
St. Mary Marylebone } G. & W.		19,637	32	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-					
HHHH }																								
Christchurch Marylebone H - W		32,547	15	8	3	1	-	-	-	-	1	-	-	-	-	-	1	-	-					
St. John Marylebone HHH W.		32,611	18	4	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-					
Hampstead } - N. & W.		75,449	28	28	4	6	-	2	4	-	-	1	-	-	2	4	11	-	-					
WwHHHH }																								
Regent's Park Pancras HH - W.		37,341	24	6	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-					
Tottenham-court } - N. & W.		26,757	8	19	1	3	-	-	-	-	1	-	-	-	-	3	3	16	-					
wHHHH }																								
Gray's Inn Lane HHH - - N.		29,426	20	14	2	2	-	-	-	-	1	-	-	-	-	-	1	7	-					
Somers Town HH - - N.		32,161	18	12	3	1	-	-	-	-	-	-	-	-	1	1	3	1	-					
Camden Town WH - - N.		16,669	13	6	-	1	-	-	-	-	-	-	-	-	-	1	1	4	-					
Kentish Town WW - - N.		98,410	60	34	11	12	-	1	-	-	1	-	-	-	-	1	4	5	-					
Upper Holloway } - - N.		98,273	65	52	6	20	-	-	-	-	-	-	-	-	-	1	5	32	-					
WWWWHH }																								
Islington South-west H - - N.		107,365	84	36	12	5	-	2	-	-	5	-	-	-	1	-	5	-	-					
Islington South-east - - N.		66,549	54	17	6	4	-	-	-	1	1	-	-	-	1	1	3	-	-					
Highbury HH - - N.		64,577	28	18	5	4	-	-	-	-	-	-	-	-	-	-	2	-	-					
Stoke Newington H - - N.		33,485	10	6	-	4	-	-	-	-	-	-	-	-	-	-	1	-	-					
North Hackney - - E. & N.			22	12	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-					
Central Hackney ww - - E. & N.			28	11	4	1	-	-	-	4	-	-	1	-	-	-	-	5	-					
South-west Hackney HHH E. & N.		213,044	51	23	6	8	-	-	-	-	-	-	-	-	1	2	3	4	-					
South-east Hackney WwH E. & N.			30	17	3	2	-	2	-	-	1	-	-	-	-	1	5	6	-					

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received; w—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The R-man capitals signify the Water Companies which supply the different Sub-districts;—G, signifies Grand Junction Company; W, West Middlesex; C, Chelsea; S, Southwark and Vauxhall; L, Lambeth N, New River; E, East London; and K, the Kent Company.

See note\* on second page of this Return



TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 7th January, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation. 1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include														Deaths in Public Institutions	Un- speci- fied Deaths	Causes of Death
				Deaths of		Deaths from										Inquest Cases.				
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence					
CENTRAL DISTRICTS.																				
George Bloomsbury - - N.	16,116	3	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Giles South WH - - N.	12,976	21	7	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Giles North H - - N.	9,151	4	2	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-		
Martin-in-the-Fields HHN. & C.	13,077	1	9	1	4	-	-	-	-	-	-	-	1	-	-	1	1	5		
and WHH - - - N.	11,839	5	9	1	-	-	-	-	-	-	-	-	-	-	-	1	2	-		
and Union Workhouse, Edmonton	†1,037	-	2	1	1	-	-	-	-	-	-	-	-	-	-	-	2	-		
born w HHHHHHH - - N.	31,042	15	12	2	3	-	-	-	-	-	-	-	-	-	-	-	2	6		
James Clerkenwell - - N.	15,777	18	6	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-		
well Clerkenwell - - N.	34,356	24	9	1	3	-	-	-	-	-	1	-	-	-	-	-	2	-		
well-street - - - N.	16,089	14	4	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
y-road HHHL - - - N.	29,897	28	14	3	3	-	-	-	-	-	-	-	-	-	-	-	1	-		
itecross-street - - - N.	7,595	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
sbury - - - N.	4,035	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
born Union Workhouse, } itcham - - - N.	†892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Botolph H - - - N. & E.	6,870	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
prigate - - - N.	3,299	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Sepulchre WH - - - N.	9,591	3	9	-	1	-	-	-	-	-	-	2	-	-	-	1	1	7		
hallowes Barking - - - N.	9,059	-	3	1	1	-	-	-	-	-	-	-	-	-	-	1	2	-		
ad Street H - - - N.	2,892	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
y of London Asylum, Stone - -	†388	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
EAST DISTRICTS.																				
reditch South Hl - - E. & N.	17,975	5	6	-	3	-	-	-	-	-	-	-	-	-	-	1	2	1		
ton New Town w - - N.	29,575	20	14	1	4	-	-	-	-	-	-	-	-	-	-	-	2	6		
ton Old Town - - - N.	27,645	13	12	4	1	-	-	-	-	-	-	-	-	-	-	1	2	-		
ggerston WH - - - N. & E.	47,163	37	26	2	6	-	1	-	-	-	1	-	1	-	-	3	7	14		
hnal Green North H - - E.	49,301	46	16	7	5	-	1	-	1	-	-	-	-	-	-	1	4	1		
hnal Green South - - - E.	34,194	27	6	1	2	-	-	-	-	-	-	-	-	-	-	-	1	-		
hnal Green East WHl - - E.	45,667	34	30	4	15	-	1	-	-	-	-	1	-	-	-	-	4	16		
talfields - - - E. & N.	26,681	22	11	3	4	-	-	-	-	-	-	-	-	-	-	2	4	-		
e End New Town* WH - - E.	51,995	30	50	5	8	-	2	-	1	-	-	-	-	-	-	3	9	-		
odman's Fields* - - - E.		10	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	44		
George's North - - - E.	39,576	35	14	6	3	-	1	-	-	1	-	1	-	-	-	1	2	-		
ohn, St. George East W E.	7,930	7	14	-	6	-	2	-	-	-	-	-	-	-	-	-	1	13		
dwell H - - - E. & N.	10,434	11	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	2		
cliff W - - - E.	14,964	13	7	2	1	-	1	-	-	-	-	-	-	-	-	-	1	-		
ehouse - - - E.	32,917	28	10	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
e End Old Town West H E.	111,060	37	15	3	5	-	-	-	-	-	-	1	-	-	-	-	3	-		
e End Old Town East } Www - - - E.		37	31	5	13	-	7	-	2	-	-	-	-	-	-	1	1	12		
w l - - - E.	41,687	33	12	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
mley wvwH - - - E.	69,821	56	41	6	9	-	-	-	-	1	-	-	-	-	-	2	3	20		
lar WW - - - E.	57,759	38	18	4	6	-	1	-	-	-	-	-	-	-	1	2	5	1		

† Population in 1891, not included in the total population of the Central Districts or of London.

Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.







TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 7th January, 1899.

REGISTRATION SUB-DISTRICTS.		Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													
						Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.	
LONDON—OUTER RING		368,749	1,422,063	1193	486	102	159	-	8	3	13	17	6	-	20	38	48	9	
0: 1	Carshalton WHH - -	12,228	26,108	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
2	Epsom, part of* WwHH -	10,423	12,508	9	6	1	4	-	-	-	-	-	-	-	2	2	1	-	
7: 1	Godstone, part of* W -	2,754	1,598	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8: 1	Croydon WwHHH - -	20,851	128,699	77	46	9	16	-	-	1	1	-	-	-	1	4	12	-	
2	Mitcham w - -	11,697	23,072	16	5	-	5	-	-	-	-	-	-	-	1	1	-	-	
9: 1	Wimbledon HHH - -	3,220	25,777	24	10	2	2	-	-	-	-	2	-	-	1	2	1	-	
2	Kingston W - -	-	33,566	21	12	2	6	-	-	-	-	1	-	-	1	2	2	-	
3	Surbiton H - -	14,672	12,178	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Esher, part of* HH - -		11,080	10	4	3	-	-	-	-	-	1	1	-	-	-	-	-	
5	Hampton HL - -		18,252	12	2	-	-	-	-	-	-	-	-	-	-	-	-	1	
0: 1	Richmond WH - -	2,160	25,389	12	12	2	4	-	-	-	-	-	-	-	1	3	-	-	
2	Mortlake H - -	2,823	16,159	11	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
1: 1	Bromley HHH - - -	9,127	23,815	15	3	-	1	-	1	-	-	-	-	-	-	-	-	-	
2	Beckenham H - -	6,542	21,969	9	6	-	2	-	-	-	1	-	-	-	-	-	-	1	
3	Chislehurst, part of* WHH	14,307	20,372	12	4	-	2	-	-	-	-	-	-	-	-	-	2	-	
1: 1	Bexley HHH - - -	12,540	30,590	24	9	1	3	-	-	-	-	-	-	-	-	-	-	-	
2	Dartford WH, part of* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1: 1	Sunbury w - - -	11,054	13,671	10	3	-	2	-	-	-	-	-	-	-	-	-	-	-	
2	Staines WH - - -	13,277	13,221	6	3	1	-	-	-	-	-	-	-	-	-	1	-	-	
5: 1	Hillingdon WHH - -	6,035	12,237	13	9	1	5	-	-	-	-	-	-	-	-	-	3	1	
2	Uxbridge - - -	12,757	7,253	-	3	-	2	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes wH - - -	7,952	11,051	8	5	2	2	-	-	-	-	-	-	-	1	-	-	1	
1	Isleworth WHH - -	6,967	26,004	27	5	2	1	-	-	-	-	1	-	-	-	-	1	-	
2	Twickenham HH - -	2,415	16,027	7	2	-	1	-	-	-	1	-	-	-	-	-	-	-	
3	Brentford HHHH - -	4,318	37,777	21	16	1	9	-	-	-	1	1	1	-	1	1	2	1	
4	Chiswick - - -	1,245	21,963	30	6	1	1	-	-	-	-	-	-	-	-	-	-	-	
5	Acton WHH - - -	6,132	30,945	21	16	4	4	-	-	-	1	-	-	-	-	1	-	1	
1: 1	Harrow HHH - - -	13,809	15,715	6	4	1	2	-	-	-	-	-	-	-	1	1	-	-	
2	Edgware HH - - -	6,994	3,844	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden HHH - -	4,383	61,265	66	19	3	2	-	1	-	-	1	-	-	1	1	-	1	
4	Hendon WH - - -	8,382	15,843	12	9	2	4	-	1	-	-	1	-	-	1	1	-	-	
1: 1	South Mimms HH - -	21,077	6,367	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet WHH - - -		14,152	9	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
3	Finchley HHH - - -		25,820	20	11	3	5	-	-	-	-	2	-	-	-	-	-	-	
1: 1	Hornsey HH - - -	3,039	61,097	33	15	3	6	-	-	-	1	-	-	-	1	1	-	-	
2	Tottenham HH - -	4,642	97,174	81	26	7	11	-	-	-	-	1	-	-	-	-	1	1	
3	Edmonton WwW - -	7,489	36,351	44	17	3	6	-	-	-	-	-	-	-	-	2	4	-	
4	Enfield WWHH - -	12,602	31,536	27	10	4	4	-	-	-	-	2	-	-	1	2	2	-	
5	Waltham Abbey - -	11,017	6,066	7	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt H - - -	8,480	9,620	9	5	1	2	-	-	-	-	-	-	-	-	-	-	-	
1: 1	Hatfield, part of* W -	3,306	582	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
1: 1	Bushey H - - -	9,331	7,737	6	4	-	-	-	-	-	-	-	-	-	1	2	1	-	
2	Watford WH, part of* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1: 1	Stratford H - - -	4,706	38,612	29	21	3	7	-	1	-	-	-	2	-	1	2	-	-	
2	Plaistow WHHH - -		59,030	62	26	8	5	3	-	2	-	1	1	-	1	2	1	1	
3	Canning Town H -		54,750	53	20	6	3	-	-	3	-	1	-	-	2	-	-	-	
4	Forest Gate w - -		53,511	36	15	2	7	-	-	-	-	1	-	-	-	-	-	-	
5	East Ham WHH - -		3,266	32,713	70	17	5	4	-	-	-	1	2	-	-	-	-	-	
6	Leyton WwWwH - -	4,334	70,188	56	23	7	5	-	-	-	1	1	-	-	1	2	7	1	
7	Walthamstow HHL -	6,501	57,330	79	27	7	7	-	1	-	1	-	-	-	-	2	2	-	
1: 1	Chigwell, part of* HHHH	11,779	12,941	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Epping WH, part of* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1: 1	Romford, part of* WH -	6,556	4,324	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Ilford - - -	8,493	10,913	25	3	2	-	-	-	-	-	-	-	-	-	-	-	-	
3	Barking Town, H - -	3,814	14,301	17	9	2	2	-	-	-	-	-	-	-	1	-	-	-	
Middlesex Co. Lunatic Asy., Wandsworth.		-	-	-	5	-	1	-	-	-	-	-	-	-	-	-	5	-	

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,551); 37: 1, the parishes of Warlingham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,382); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,087); 135: 1, the parish of Northaw in Uxbridge sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for



TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 7th January, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1894.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Deaths in Public
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
GREATER LONDON	443,421	6,528,434	17.2	1.5	2152	427	633	-	35	14	43	58	23	13	102	58		
INNER LONDON -	74,672	4,546,752	19.1	1.6	1666	325	474	-	27	11	30	41	17	13	82	540		
OUTER RING -	368,749	1,981,682	12.8	1.2	486	102	159	-	8	3	13	17	6	-	20	48		

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria	Whooping-cough.	Fever.	Diarrheal Diseases.	
EDINBURGH -	298,927	January 7	144	144	25.0	-	2	2	3	3	-	-	-
GLASGOW -	733,903	" 7	434	283	20.1	-	3	7	3	13	3	11	-
DUBLIN -	349,594	" 7	194	179	26.7	-	-	-	1	6	4	2	-
CALCUTTA -	466,460	November 26	-	-	-	-	-	-	-	-	-	-	-
BOMBAY -	821,764	December 20	207	765	48.4	1	6	?	?	?	206+	72	-
MADRAS -	452,518	" 9	364	403	46.3	-	4	?	?	?	27+	101	-
PARIS -	2,511,629	" 31	1006	906	18.7	1	5	2	7*	7	4	32	-
BRUSSELS -	551,011	" 31	253	166	15.7	-	12	-	1*	3	-	10	-
AMSTERDAM -	508,266	" 24	275	175	17.8	-	1	-	1	5	-	-	-
ROTTERDAM -	303,878	" 24	201	98	16.6	-	2	1	2	3	3	-	-
THE HAGUE -	196,325	" 24	109	56	14.8	-	2	-	-	2	-	-	-
COPENHAGEN -	345,000	" 31	-	-	-	-	-	-	-	-	-	-	-
STOCKHOLM -	283,550	" 24	121	93	17.0	-	3	-	5*	-	1	3	-
CHRISTIANIA -	213,337	" 31	183	85	21.7	-	2	-	-	-	2	1	-
ST. PETERSBURG	1,132,677	" 24	579	625	23.8	-	5	11	32	10	15	50	-
MOSCOW -	988,610	" 24	-	641	33.8	8	15	10	12	6	4	42	-
BERLIN -	1,773,003	" 17	902	531	15.3	-	3	4	16	4	1	28	-
HAMBURG -	661,015	" 31	-	181	14.2	-	-	1	1*	4	-	3	-
DRESDEN -	385,300	November 26	-	-	-	-	-	-	-	-	-	-	-
BRESLAU -	392,795	December 31	-	210	27.9	-	-	3	4	4	1	9	-
MUNICH -	430,000	" 31	-	205	24.8	-	-	3	2*	4	1	21	-
VIENNA -	1,590,295	" 31	952	643	20.8	-	5	4	11*	4	1	37	-
PRAGUE -	382,029	" 24	163	177	24.2	-	13	1	9	-	3	1	-
BUDA-PESTH -	648,104	" 17	449	262	21.0	-	13	3	2	1	5	12	-
TRIESTE -	165,177	" 24	100	90	28.2	-	-	2	2*	-	1	3	-
ROME -	499,831	" 10	216	196	20.4	-	1	-	-	-	11§	18	-
TURIN (10 days)	344,203	" 10	181	150	15.9	-	-	-	2	-	4	10	-
VENICE -	169,545	" 24	86	87	26.7	-	-	-	2*	2	-	3	-
CAIRO -	570,062	August 19	-	-	-	-	-	-	-	-	-	-	-
ALEXANDRIA -	319,766	" 19	-	-	-	-	-	-	-	-	-	-	-
NEW YORK (including Brooklyn)	3,433,899	December 10	1611	1173	17.8	-	3	6	35	7	15	16	-
PHILADELPHIA -	1,240,266	" 17	-	-	-	-	-	-	-	-	-	-	-

\* Including deaths from croup.

† Including 114 deaths from "plague" in Bombay and 2 in Madras.

‡ Including 1 death from cholera in Bombay and 4 in Madras.

§ Including 6 deaths from malarial fever.



1899.

MONTH AND DAY

JANUARY.

SUNDAY - 1

MONDAY - 2

TUESDAY - 3

WEDNESDAY - 4

THURSDAY - 5

FRIDAY - 6

SATURDAY - 7

MEANS

No. of Column -

1899.		Phases of the Moon.	BAROMETER.	TEMPERATURE.			Difference between the Air Temperature and Dew Point.			Degree of ftn-ess (Saturation 100).	Of Radiation.			TEMPERATURE.			Wind as deduced from Anemometers.			Rain col- lected in a Gauge whose receiving surfaces above the Ground.	Ozone.																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
MONTH AND DAY	MEANS			Of the Air.			Of the Dew point.		Temperature.		Of			Of the Earth.			General Direction.					Pressure on the Square Foot.			Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				High- est.	Low- est.	Mean daily value.	Mean daily value.	Least.	High- est.		Low- est.	Mean daily value.	Least.	High- est.	Low- est.	Mean daily value.	A.M.	P.M.	Great- est.			Least.	Mean hourly obs.	Horizontal Movement of the Air on each Day.		Depar- ture from Average of 16 Days.																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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SUNDAY	- 1	..	28.993	42.2	33.6	8.6	38.5	- 0.0	36.2	2.3	4.4	0.8	92	56.1	28.8	45.57	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	WSW. & S.W.	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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS.

By Authority of the Registrar General.

Printed under the Superintendence of Her Majesty's Stationery Office,  
AND SOLD BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 2. 1899. VOL. LX.]      WEEK ENDING SATURDAY, JAN. 14.      [Price 1½d.

*General Register Office, Somerset House,  
January 16th, 1899.*

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 18·3 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Dec. 24.	Dec. 31.	Jan. 7.	Jan. 14.		Dec. 24.	Dec. 31.	Jan. 7.	Jan. 14.
33 Great Towns	17·8	19·1	19·1	18·3	Leicester - -	12·5	15·2	16·8	12·9
Birkenhead -	14·3	15·7	17·2	19·0	Liverpool - -	22·1	23·1	23·8	22·8
Birmingham -	19·0	20·9	16·7	16·8	London - - -	17·0	18·4	19·1	18·0
Blackburn -	17·6	23·5	19·7	18·9	Manchester -	23·0	23·3	22·1	22·4
Bolton - - -	21·3	23·4	21·9	18·0	Newcastle-on-Tyne	18·9	21·3	22·6	16·2
Bradford - -	16·3	17·8	15·2	20·1	Norwich - - -	15·4	19·6	19·8	16·6
Brighton - -	18·8	18·8	16·1	11·0	Nottingham -	20·8	17·2	19·6	21·1
Bristol - - -	17·8	16·5	18·0	20·6	Oldham - - -	20·4	23·6	19·0	23·2
Burnley - - -	13·8	16·2	15·7	14·3	Plymouth - -	18·4	22·6	17·6	19·2
Cardiff - - -	10·6	14·1	12·6	12·6	Portsmouth -	14·2	16·2	16·4	17·8
Croydon - - -	13·8	12·6	15·9	13·1	Preston - - -	21·1	19·3	23·5	18·2
Derby - - - -	13·4	16·9	14·7	11·8	Salford - - -	25·4	17·4	22·2	18·2
Gateshead - -	15·6	24·6	12·7	22·5	Sheffield - -	18·4	19·2	17·2	17·8
Halifax - - -	19·4	14·6	27·7	13·9	Sunderland -	17·0	19·2	21·5	24·0
Huddersfield -	14·8	13·7	14·6	21·2	Swansea - - -	30·2	21·0	22·6	17·1
Hull - - - - -	15·0	19·3	18·0	12·9	West Ham - -	14·7	19·5	15·1	14·9
Leeds - - - -	17·8	18·8	21·4	21·3	Wolverhampton	12·4	24·3	18·2	17·0

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Bolton, in Salford, and in Gateshead, and 1·5 in Nottingham; from *scarlet fever*, 1·0 in Swansea; from *whooping-cough*, 1·0 in Huddersfield and in Swansea, and 1·8 in Bristol; from "*fever*," 1·3 in Bolton; and from *diarrhœa*, 1·2 in Wolverhampton. The 85 deaths from *diphtheria* included 34 in London, 8 in Leeds, 5 in Liverpool, 4 in West Ham, 4 in Sheffield, 3 in Portsmouth, 3 in Norwich, and 3 in Nottingham. No death from *small-pox* was registered in any of the thirty-three towns.

#### LONDON.

In LONDON† 2435 BIRTHS and 1568 DEATHS were registered. Allowing for increase of population, the births were 460, and the deaths 773, below the average numbers in the corresponding weeks of the last ten

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.



years. The annual death-rate per 1000 from all causes, which had been 17·0, 18·4, and 19·1 in the preceding three weeks, fell again last week to 18·0. During the four weeks ending on Saturday last the death-rate averaged 18·1 per 1000, being 6·3 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1568 deaths included 27 from measles, 8 from scarlet fever, 34 from diphtheria, 37 from whooping-cough, 10 from enteric fever, 11 from diarrhoea and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 127 deaths were referred to these diseases, being 109 below the corrected average weekly number.

The deaths from *measles*, which had been 24, 31, and 27 in the preceding three weeks, were again 27 last week, the corrected average being 74; 6 cases belonged to Bethnal Green, and 5 to Shoreditch sanitary areas. The deaths from *scarlet fever*, which had been 14, 12, and 11 in the preceding three weeks, further fell last week to 8, and were 12 below the corrected average. The deaths from *diphtheria*, which had been 46, 47, and 30 in the preceding three weeks, rose again last week to 34, but were 7 below the corrected average; 4 cases belonged to Lambeth, 3 to Camberwell, 3 to Newington, 3 to St. Pancras, and 3 to Shoreditch sanitary areas. The deaths from *whooping-cough*, which had been 21, 32, and 41 in the preceding three weeks, fell again last week to 37, and were 36 below the corrected average; 7 cases belonged to Chelsea, 5 to Wandsworth, 4 to Camberwell, 4 to Newington, and 4 to Islington sanitary areas. The fatal cases of *enteric fever*, which had been 21, 15, and 17 in the preceding three weeks, fell again last week to 10, and were 3 below the corrected average; 3 cases belonged to Lambeth sanitary area. The deaths from *diarrhoea*, which had been 19, 14, and 13 in the preceding three weeks, further fell last week to 11, and were 3 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 284, 306, and 365 in the preceding three weeks, were 363 last week, the corrected average being 764. The deaths attributed directly to *influenza* numbered 8, having been 12, 15, and 17 in the preceding three weeks.

Different forms of violence caused 77 deaths, concerning all but 1 of which inquests were held. Of these 77 deaths, 10 were cases of suicide, and 1 of homicide, while the remaining 66 were attributed to accident or negligence. Two of these were referred to vehicles in the streets, 17 to burns and scalds, and 15 (of infants under one year of age) to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS\*.

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2777 cases of scarlet fever, 1257 of diphtheria, and 250 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 220 cases, against 221, 225, and 291; of diphtheria, 149 cases, against 171, 166, and 156; and of enteric fever, 35 cases, against 40, 30, and 36.

#### GREATER LONDON.

In Greater London 3454 births and 2067 deaths were registered, corresponding to annual rates of 27·6 and 16·5 per 1000 of the estimated population. In the Outer Ring 8 deaths from measles, 9 from diphtheria, 17 from whooping-cough, and 4 from "fever," were registered. Five deaths from measles, 3 from diphtheria, and 5 from whooping-cough occurred in West Ham district; 6 deaths from whooping-cough occurred in Edmonton District.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·42 inches, and that of the Thermometer 45·0°; the latter being 7·0° above the week's average in the 50 years 1841-90. The direction of the wind was south-westerly, the horizontal movement of the air being 35 per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 20·3 hours; the measured rainfall amounted to 1·03 inches.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

CITIES AND BOROUGH.	POPULATION estimated at the middle of the Year 1899.*	the Week ending 14th January 1899.		Deaths of		Deaths from										per 1000, corrected according to the Week's Deaths.		RAINFALL.		CITIES AND BOROUGH.																																							
		BIRTHS.	DEATHS.	Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Erysip.	Diarrhoea.	Violence.	Deaths in Public Institutions.	Unrecorded Causes of Death.	From All Causes.	From Diseases in Cols. 6-12.	Mean.			Inches.		In Cent.																																				
																		Highest.	Lowest.		Fahrenheit.	Centigrade.	23.	24.	21.	22.	19.	20.	19.	20.	19.	20.	19.	20.	19.	20.	19.	20.																					
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.										
33 TOWNS.	11,404,408	6580	3995	857	1053	68	34	85	94	43	28	173	362	309	50	183	15	15	16	55	31	43	6	0	9	33 TOWNS.	LONDON.	4,546,782	2435	1568	320	430	-	27	8	34	37	10	11	77	171	435	8	18	15	54	36	45	7	1	2	24.	21.	22.	23.	24.			
																											LONDON.	WEST HAM.	300,241	156	86	22	23	-	5	-	4	2	-	-	6	10	8	5	14	14	13	54	36	45	7	1	2	24.	21.	22.	23.	24.	
																											WEST HAM.	CROYDON.	127,759	61	32	7	11	-	-	1	2	-	-	1	2	4	4	19	19	18	54	36	45	7	1	2	24.	21.	22.	23.	24.		
																											CROYDON.	BRIGHTON.	133,226	61	26	3	11	-	-	1	2	-	-	1	3	8	8	13	13	13	54	36	45	7	1	2	24.	21.	22.	23.	24.		
																											BRIGHTON.	PORTSMOUTH.	190,741	87	65	12	21	-	-	1	3	1	-	1	3	15	15	17	17	17	54	36	45	7	1	2	24.	21.	22.	23.	24.		
																											PORTSMOUTH.	PLYMOUTH.	100,637	60	37	7	15	-	-	2	1	-	-	-	1	6	6	18	18	18	54	36	45	7	1	2	24.	21.	22.	23.	24.		
																											PLYMOUTH.	BRISTOL.	320,911	178	127	26	43	-	-	1	1	11	1	-	5	11	24	24	26	26	26	54	36	45	7	1	2	24.	21.	22.	23.	24.	
																											BRISTOL.	CARDIFF.	185,826	94	45	11	16	-	-	1	1	-	-	4	8	3	3	12	12	12	54	36	45	7	1	2	24.	21.	22.	23.	24.		
																											CARDIFF.	SWANSEA.	103,722	53	34	11	9	-	-	2	-	2	-	1	2	1	1	17	17	17	54	36	45	7	1	2	24.	21.	22.	23.	24.		
																											SWANSEA.	WOLVERHAMPTON.	88,821	71	29	5	6	-	-	-	-	-	-	1	3	1	-	17	17	17	54	36	45	7	1	2	24.	21.	22.	23.	24.		
																											WOLVERHAMPTON.	BIRMINGHAM.	514,956	377	166	42	41	-	-	5	-	2	3	3	2	8	13	42	42	18	18	18	54	36	45	7	1	2	24.	21.	22.	23.	24.
																											BIRMINGHAM.	NORWICH.	113,263	78	36	8	11	-	-	-	1	3	2	-	-	1	6	6	28	28	28	54	36	45	7	1	2	24.	21.	22.	23.	24.	
																											NORWICH.	LEICESTER.	213,851	108	53	14	15	-	-	1	1	2	-	-	3	5	8	2	12	12	12	54	36	45	7	1	2	24.	21.	22.	23.	24.	
																											LEICESTER.	NOTTINGHAM.	253,384	129	97	19	23	-	-	7	1	3	2	1	-	3	5	21	21	30	30	30	54	36	45	7	1	2	24.	21.	22.	23.	24.
																											NOTTINGHAM.	DERBY.	106,401	60	24	5	5	-	-	1	1	-	-	1	2	5	3	3	11	11	11	54	36	45	7	1	2	24.	21.	22.	23.	24.	
																											DERBY.	BIRKENHEAD.	115,162	55	42	15	9	-	-	-	1	2	3	1	-	3	3	7	12	12	12	54	36	45	7	1	2	24.	21.	22.	23.	24.	
																											BIRKENHEAD.	LIVERPOOL.	634,212	442	277	51	59	-	-	2	3	6	4	2	12	19	72	16	32	32	32	54	36	45	7	1	2	24.	21.	22.	23.	24.	
																											LIVERPOOL.	BOLTON.	162,221	111	56	9	14	-	-	3	5	6	-	4	-	3	5	5	18	18	18	54	36	45	7	1	2	24.	21.	22.	23.	24.	
																											BOLTON.	MANCHESTER.	543,102	360	234	57	42	-	-	7	2	1	2	2	3	8	19	56	5	24	24	24	54	36	45	7	1	2	24.	21.	22.	23.	24.
																											MANCHESTER.	SALFORD.	218,441	150	76	17	14	-	-	4	4	1	-	1	3	8	11	11	17	17	17	54	36	45	7	1	2	24.	21.	22.	23.	24.	
																											SALFORD.	OLDHAM.	150,772	76	67	17	14	-	-	-	1	2	-	-	2	5	9	9	23	23	23	54	36	45	7	1	2	24.	21.	22.	23.	24.	
																											OLDHAM.	BURNLEY.	113,081	67	31	12	5	-	-	-	1	2	-	-	3	4	5	5	14	14	14	54	36	45	7	1	2	24.	21.	22.	23.	24.	
																											BURNLEY.	BLACKBURN.	135,154	63	49	8	8	-	-	2	1	-	-	2	4	3	3	18	18	18	54	36	45	7	1	2	24.	21.	22.	23.	24.		
																											BLACKBURN.	PRESTON.	117,622	71	41	14	9	-	-	-	2	1	-	-	1	1	4	4	9	9	9	54	36	45	7	1	2	24.	21.	22.	23.	24.	
																											PRESTON.	HUDDESFIELD.	103,464	47	42	7	18	-	-	-	-	-	2	-	2	2	4	4	21	21	21	54	36	45	7	1	2	24.	21.	22.	23.	24.	
																											HUDDESFIELD.	HALIFAX.	97,721	37	26	3	6	-	-	-	1	-	-	-	5	-	5	-	13	13	13	54	36	45	7	1	2	24.	21.	22.	23.	24.	
																											HALIFAX.	BRADFORD.	236,341	96	91	14	34	-	-	-	1	2	1	-	5	7	15	-	20	20	20	54	36	45	7	1	2	24.	21.	22.	23.	24.	
																											BRADFORD.	LEEDS.	423,389	248	173	29	52	-	-	4	4	8	2	3	6	11	20	-	21	21	21	54	36	45	7	1	2	24.	21.	22.	23.	24.	
																											LEEDS.	SHEFFIELD.	361,169	268	123	38	25	-	-	-	2	4	1	4	1	5	8	23	5	17	17	17	54	36	45	7	1	2	24.	21.	22.	23.	24.
																											SHEFFIELD.	HULL.	234,270	138	58	13	20	-	-	-	-	1	2	-	2	7	8	-	12	12	12	54	36	45	7	1	2	24.	21.	22.	23.	24.	
																											HULL.	SUNDERLAND.	145,013	119	67	17	18	-	-	-	-	1	2	-	3	7	10	1	24	24	24	54	36	45	7	1	2	24.	21.	22.	23.	24.	
																											SUNDERLAND.	GATESHEAD.	106,552	74	46	10	11	-	-	2	1	-	-	-	4	2	-	25	25	25	54	36	45	7	1	2	24.	21.	22.	23.	24.		
																											GATESHEAD.	NEWCASTLE.	228,025	150	71	14	15	-	-	-	-	1	-	-	-	5	15	1	16	16	16	54	36	45	7	1	2	24.	21.	22.	23.	24.	

\* See note \* on first page of this return.



TABLE 2. LONDON.—Births and Deaths Registered in the SECOND Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2671	2818	2761	2680	2715	2867	2922	2454	2928	2703	2895·3	2435
Males - -	1329	1484	1363	1356	1375	1441	1498	1218	1519	1382	1469·6	1275
Females - -	1342	1334	1398	1324	1340	1423	1424	1236	1409	1321	1425·7	1160
<b>TOTAL Deaths -</b>	2075	2747	2513	3271	2503	2461	1622	1540	1538	1982	2341·2	1568
Males - -	1023	1436	1163	1525	1193	1236	806	767	765	997	1148·0	808
Females - -	1052	1311	1350	1746	1310	1225	816	773	773	985	1193·2	760

\* The numbers in this column are the average weekly numbers in the second week of the ten years 1889-98, raised by 5·213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Oct. 22.	Oct. 29.	Nov. 5.	Nov. 12.	Nov. 19.	Nov. 26.	Dec. 3.	Dec. 10.	Dec. 17.	Dec. 24.	Dec. 31.	Jan. 7.	Jan. 14.
<b>TOTAL Births</b> - -	2463	2652	2530	2696	2585	2155	2575	2577	2519	2422	2215	2893	2435
<b>TOTAL Deaths</b> - -	1497	1411	1394	1405	1436	1439	1569	1447	1423	1470	1593	1666	1568
<b>Ages at Death</b>													
Under 1 year - -	351	349	357	323	310	320	362	289	283	292	339	825	320
1-5 years - -	167	169	155	158	171	157	203	166	176	189	188	175	177
5-20 " - -	93	82	73	76	98	95	78	77	88	100	95	78	87
20-40 " - -	199	178	198	191	197	198	190	196	174	213	188	224	223
40-60 " - -	320	282	276	293	305	297	297	320	317	292	354	390	331
60-80 " - -	290	287	258	299	286	302	349	331	303	316	350	396	346
(80 years and upwards)	77	64	77	60	69	80	90	68	79	68	79	78	84
<b>Deaths from—</b>													
Small pox - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles - -	12	19	23	19	19	24	25	22	31	24	31	27	27
Scarlet Fever - -	14	10	13	17	12	7	9	11	6	14	12	11	8
Diphtheria - -	30	46	28	31	44	38	43	43	40	46	47	30	34
Whooping-cough - -	10	13	10	13	14	16	28	22	26	21	32	41	37
Typhus - -	-	-	-	-	-	-	1	-	-	-	-	-	-
Enteric Fever - -	28	20	29	27	28	33	21	26	19	21	15	17	10
Simple Continued Fever - -	-	2	-	-	-	-	-	-	-	-	1	-	-
Diarrhoea and Dysentery - -	48	33	34	17	16	6	17	19	13	19	14	13	11
Cholera - -	-	1	-	-	-	1	-	-	-	-	-	-	-
<b>All the above Diseases</b> - -	142	144	138	124	133	125	193	144	135	145	152	139	127
<b>Dis. of Respiratory System—</b>													
Phthisis - -	263	262	237	248	285	280	340	295	283	284	306	365	363
Dis. of Circulatory System—	169	140	135	155	183	148	161	153	143	156	165	163	179
Violence - -	137	125	130	133	125	145	145	140	123	136	157	186	152
Inquest Cases - -	52	63	50	71	67	66	76	53	72	73	93	82	77
Deaths in Public Institutions - -	121	135	114	143	137	139	179	131	146	153	209	209	171
<b>Deaths in Public Institutions—</b>													
459	459	433	451	468	473	446	474	449	470	488	540	485	
<b>TEMPERATURE OF THE AIR.</b>													
Mean - -	55·3	55·5	49·8	49·6	48·0	41·7	42·1	49·4	48·0	40·1	43·3	42·0	45·0
Mean of Highest readings - -	60·0	61·0	56·5	56·0	52·5	45·2	47·6	52·7	51·9	45·3	48·1	46·9	50·7
Mean of Lowest readings - -	50·8	50·6	43·0	44·0	43·1	37·3	39·5	45·1	43·0	34·6	36·8	36·2	39·8
<b>Humidity of the Air</b> - -	87	82	79	93	89	90	85	83	83	80	84	87	83
<b>Rain-fall (in inches)</b> - -	1·42	1·03	0·52	0·02	0·02	1·88	0·26	1·31	0·00	0·02	0·81	0·24	1·03
<b>Registered Sunshine (in hours)</b>	10·9	22·2	28·7	27·2	10·7	7·0	5·6	6·7	0·8	12·9	14·0	5·6	20·3
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - -	-	-	-	-	-	-	-	-	-	-	-	1	1
Scarlet Fever - -	2915	3031	3092	3188	3259	3162	3142	3090	3043	2901	2939	2912	2777
Diphtheria - -	1169	1187	1211	1251	1251	1250	1274	1314	1310	1261	1248	1256	1257
Enteric Fever - -	214	223	230	242	232	266	286	286	285	266	255	254	250

\* The Metropolitan Asylum and London Fever Hospitals.

**METEOROLOGICAL OBSERVATIONS.**—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R.Met.Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst.C.E., and F. B. Jobber, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SECOND Week of the Year 1899.

[illegible]

The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5·213 per cent. for increase of population.

only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement," and the evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of a fight, murder manslaughter or suicide. All such cases are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 14th January, 1899.

The DEATHS registered during the Week include																		
REGISTRATION SUB-DISTRICTS.	Enu- me- rated Popu- lation, 1896.	Total Births.	Total Deaths.	Deaths of														
				Deaths of	Deaths from													
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes.
LONDON - - -	4,411,710	2435	1568	320	430	-	27	8	34	37	-	10	-	11	77	171	485	
WEST DISTRICTS	778,251	381	247	41	74	-	-	-	3	12	-	2	-	1	10	27	74	
NORTH DISTRICTS	1,040,694	512	343	72	97	-	3	1	11	8	-	2	-	3	14	33	104	
CENTRAL DISTRICTS	233,635	105	107	19	24	-	2	-	1	-	-	-	-	1	9	18	42	
EAST DISTRICTS	716,334	498	271	63	57	-	21	-	3	2	-	1	-	1	20	46	98	
SOUTH DISTRICTS	1,642,796	939	561	120	162	-	1	6	16	15	-	5	-	5	23	46	128	
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*	-	-	39	-	16	-	-	1	-	-	-	-	-	-	1	1	39	
WEST DISTRICTS.																		
St. Mary Paddington } G. & W.	90,996	39	29	5	10	-	-	-	-	2	-	-	-	-	1	2	7	
WHH St. John Paddington H - - G.	33,510	9	10	1	2	-	-	-	-	-	-	-	-	-	1	2	5	
Kensington Town Ww - - W.	122,164	62	34	3	18	-	-	-	-	-	-	-	-	-	-	2	14	
Brompton HH - - W. & C.	48,301	3	11	1	5	-	-	-	-	-	-	-	-	-	-	-	1	
St. Peter Hammersmith - - W.	9,097	5	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
St. Paul Hammersmith HH W. & G.	35,102	59	31	8	4	-	-	-	-	1	-	-	-	-	4	5	4	
Fulham Ww - - W. & C.	113,781	96	36	7	6	-	-	-	2	1	-	1	-	-	1	3	13	
Chelsea Kensal Town - - C.	21,450	9	12	3	-	-	-	-	-	5	-	-	-	-	-	2	-	
Chelsea North WHHHHH - C.	42,057	15	15	2	7	-	-	-	-	1	-	-	-	-	-	-	7	
Chelsea South HH - - C.	33,139	18	11	1	2	-	-	-	1	1	-	-	-	-	-	-	3	
May Fair W - - G.	23,827	2	14	-	4	-	-	-	-	-	-	-	-	-	2	4	6	
Belgrave WHHH - - C.	56,140	26	19	5	8	-	-	-	-	-	-	-	-	-	1	2	7	
St. John Westminster HH - C.	31,492	13	10	3	3	-	-	-	-	-	-	-	-	1	-	2	-	
St. Margaret Westminster H- C.	22,087	7	5	1	-	-	-	-	-	-	-	1	-	-	-	-	3	
St. James Westminster } N. & G.	23,050	13	7	-	4	-	-	-	-	-	-	-	-	-	-	1	4	
WHH St. Anne Soho HHHHHH - N.	12,048	5	2	1	1	-	-	-	-	-	-	-	-	-	-	2	-	
NORTH DISTRICTS.																		
All Souls Marylebone } - - W.	36,595	11	18	4	3	-	-	-	-	-	-	-	-	-	1	2	6	
HHHHHHHH Rectory Marylebone W } G. & W.	19,798	10	10	2	7	-	-	-	-	-	-	-	-	-	-	-	4	
St. Mary Marylebone } G. & W.	19,637	28	10	1	5	-	-	-	-	-	-	-	-	-	1	2	1	
HHHH Christchurch Marylebone H- W	32,547	12	8	1	2	-	-	-	-	-	-	-	-	-	1	1	-	
St. John Marylebone HHH W.	32,611	12	10	5	3	-	-	-	-	1	-	-	-	-	-	-	-	
Hampstead } - N. & W.	75,449	29	22	4	4	-	-	1	3	-	-	2	-	-	1	2	11	
WwHHHH Regent's Park Pancras HH - W.	37,341	17	13	1	5	-	-	-	-	-	-	-	-	-	-	1	-	
Tottenham-court } - N. & W.	26,757	12	15	2	2	-	-	-	-	-	-	-	-	-	1	2	8	
wHHHH Gray's Inn Lane HHH - - N.	29,426	13	9	2	1	-	2	-	1	-	-	-	-	-	1	2	3	
Somers Town HH - - N.	32,161	16	7	2	1	-	-	-	2	2	-	-	-	-	-	-	2	
Camden Town WH - - N.	16,669	8	10	2	8	-	-	-	-	-	-	-	-	-	-	-	8	
Kentish Town WW - - N.	98,410	50	29	7	7	-	-	-	-	-	-	-	-	-	1	2	5	
Upper Holloway } - - N.	98,273	48	57	12	15	-	1	-	-	2	-	-	-	-	1	2	32	
WWWwHH Islington South-west H - N.	107,365	55	30	10	10	-	-	-	1	2	-	-	-	-	2	6	1	
Islington South-east - - N.	66,549	35	13	3	4	-	-	-	-	-	-	-	-	-	1	1	-	
Highbury HH - - N.	64,577	27	19	4	9	-	-	-	-	-	-	-	-	-	1	2	1	
Stoke Newington H - - N.	33,485	23	11	-	2	-	-	-	1	-	-	-	-	-	-	1	-	
North Hackney - - E. & N.	213,044	21	5	1	1	-	-	-	-	-	-	-	-	-	1	2	-	
Central Hackney ww - - E. & N.		19	14	2	1	-	-	-	3	-	-	-	-	-	1	1	7	
South-west Hackney HHH E. & N.		36	15	3	3	-	-	-	-	-	-	-	-	-	-	-	5	
South-east Hackney WwH E. & N.		30	18	4	4	-	-	-	-	-	1	-	-	-	-	-	3	10

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there: namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received; w—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

See note 1 on first page of this Return

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 14th January, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation. 1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include																	Deaths in Public Institutions	Uncertified Causes of Death.
				Deaths of		Deaths from																
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlat Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence	Inquest Cases.						
CENTRAL DISTRICTS.																						
George Bloomsbury - - N.	16,116	1	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Giles South WH - - N.	12,976	6	8	-	3	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	
Giles North H - - N.	9,151	3	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Martin-in-the-FieldsHHN.&C.	13,077	2	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	
rand WHH - - - N.	11,839	5	11	1	5	-	-	-	-	-	-	-	-	-	-	-	-	1	2	5	-	
rand Union Workhouse, Edmonton	†1,037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
lborn wHHHHHHH - - N.	31,042	8	19	8	2	-	-	-	-	-	-	-	-	-	-	-	1	1	2	10	-	
James Clerkenwell - - N.	15,777	8	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
awell Clerkenwell - - N.	34,356	21	9	4	1	-	1	-	-	-	-	-	-	-	-	-	-	1	3	-	-	
swell-street - - - N.	16,069	7	4	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
cy-road HHHH - - - N.	29,897	27	9	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	-	
uitecross-street - - - N.	7,595	5	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
nsbury - - - N.	4,035	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
lborn Union Workhouse, } Mitcham - - -	†692	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Botolph H - - - N.&E.	6,870	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ipplegate - - - N.	3,299	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sepulchre WH - - - N.	9,591	2	18	1	-	-	-	-	-	1	-	-	-	-	-	-	-	5	5	17	-	
hallowes Barking - - - N.	9,059	2	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
oad Street H - - - N.	2,892	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ty of London Asylum, Stone - -	†938	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
EAST DISTRICTS.																						
oreditch South Hl - - E.&N.	17,975	8	3	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
oxton New Town w - - N.	29,575	25	10	1	4	-	-	-	1	-	-	-	-	-	-	-	-	2	2	4	-	
oxton Old Town - - - N.	27,645	18	10	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
aggerston WH - - - N.&E.	47,163	31	22	2	5	-	3	-	-	3	-	-	-	-	1	-	-	1	2	12	-	
thnal Green North H - - E.	49,301	57	14	4	2	-	4	-	4	-	1	-	-	-	-	-	1	2	2	2	-	
thnal Green South - - - E.	34,194	33	15	10	2	-	1	-	-	-	-	-	-	-	-	-	2	2	-	-	-	
thnal Green East WHl - - E.	45,667	32	23	3	5	-	1	-	-	-	-	-	-	-	1	-	-	2	2	16	-	
italfields - - - E.&N.	26,681	21	7	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
le End New Town* WH - - E.	51,995 {	22	33	3	4	-	2	-	2	-	2	-	-	-	-	-	-	3	4	28	-	
odman's Fields* - - - E.		15	3	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
George's North - - - E.	39,576	35	11	4	1	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	
John, St. George East W E.	7,930	4	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
adwell H - - - E.&N.	10,434	8	4	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	3	-	
toliff W - - - E.	14,954	10	4	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
mehouse - - - E.	32,917	18	5	2	3	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	
le End Old Town West H E.	111,060 {	56	18	8	3	-	1	-	-	-	-	-	-	-	-	-	-	1	5	-	-	
le End Old Town East } WWww		31	24	6	8	-	2	-	-	-	-	-	-	-	-	-	-	1	2	11	-	
ow l - - - E.	41,687	22	14	2	2	-	-	-	-	-	-	-	-	-	-	-	-	1	2	3	-	
omley wwwH - - - E.	69,821	41	29	8	7	-	2	-	-	-	-	-	-	-	-	-	-	3	6	13	-	
oplar WW - - - E.	57,759	31	19	3	4	-	1	-	-	-	-	-	-	-	-	-	-	3	10	3	-	

† Population in 1891, not included in the total population of the Central Districts or of London.

\* Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.





TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 14th January, 1899.

REGISTRATION SUB-DISTRICTS.		Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include														
						Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.	Un- certified Causes of Death.
								Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
LONDON—OUTER RING		368,749	1,422,063	1019	499	115	158	-	9	1	12	17	4	1	14	35	54	9		
0:1	Carshalton <i>WHH</i>	12,228	26,108	11	4	1	1	-	-	-	-	-	-	-	-	-	-	-		
2	Epsom, <i>part of</i> * <i>WwHH</i>	10,423	12,508	5	4	1	2	-	-	-	-	-	-	-	-	-	1	-		
7:1	Godstone, <i>part of</i> * <i>W</i>	2,754	1,598	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
8:1	Croydon <i>WwHHH</i>	20,851	128,699	71	39	9	14	-	-	-	1	1	-	-	1	3	5	-		
	Mitcham <i>w</i>	11,697	23,072	7	2	1	-	-	1	-	-	-	-	-	-	-	-	-		
9:1	Wimbledon <i>HHH</i>	3,220	25,777	16	6	1	2	-	-	-	-	-	-	-	-	1	-	-		
2	Kingston <i>W</i>	-	33,566	22	21	3	7	-	-	-	-	1	1	-	1	3	9	-		
3	Surbiton <i>H-</i>	14,672	12,178	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
4	Esher, <i>part of</i> * <i>HH</i>	-	11,080	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
5	Hampton <i>HL</i>	4,565	18,252	8	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
0:1	Richmond <i>WH</i>	2,160	25,389	11	6	-	2	-	-	-	-	-	-	-	-	-	1	-		
2	Mortlake <i>H</i>	2,823	16,159	5	4	-	2	-	-	-	-	-	-	-	-	-	-	-		
1:1	Bromley <i>HHH</i>	9,127	23,815	9	6	3	1	-	-	-	1	-	1	-	-	-	3	-		
2	Beckenham <i>H-</i>	6,542	21,969	9	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
3	Chislehurst, <i>part of</i> * <i>WdH</i>	14,307	20,372	9	5	-	2	-	-	-	1	-	-	-	-	-	-	-		
2:1	Bexley <i>HHH</i>	12,540	30,590	25	8	1	5	-	-	-	-	-	-	-	-	-	-	-		
2	Dartford <i>WH, part of</i> *	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-		
4:1	Sunbury <i>w</i>	11,054	13,671	7	7	1	1	-	-	-	-	-	-	-	-	1	-	-		
2	Staines <i>WH</i>	13,277	13,221	9	4	1	2	-	-	-	-	-	-	-	-	-	-	-		
5:1	Hillingdon <i>WHH</i>	6,035	12,237	6	4	1	1	-	-	-	-	-	-	-	-	-	-	1		
2	Uxbridge	12,757	7,253	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Hayes <i>wH</i>	7,952	11,051	11	5	4	1	-	-	-	-	-	-	-	-	-	-	-		
0:1	Isleworth <i>WHH</i>	6,967	26,004	14	12	4	4	-	-	-	-	1	-	-	-	1	4	1		
2	Twickenham <i>HH</i>	2,415	16,027	12	12	1	4	-	-	-	-	2	-	-	-	-	1	-		
3	Brentford <i>HHHH</i>	4,318	37,777	29	10	3	3	-	-	-	-	-	-	-	-	-	-	-		
4	Chiswick	1,245	21,963	14	8	1	4	-	-	-	-	-	-	-	-	-	-	-		
5	Acton <i>wHH</i>	6,132	30,945	31	11	1	3	-	-	-	1	-	-	-	-	-	-	-		
7:1	Harrow <i>HHH</i>	13,809	15,715	5	6	1	4	-	-	-	-	-	-	-	-	2	-	-		
2	Edgware <i>HH</i>	6,994	3,844	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Willesden <i>HHH</i>	4,383	61,265	57	17	4	3	-	1	-	-	-	-	-	1	-	1	-		
4	Hendon <i>WH</i>	8,382	15,843	9	8	1	4	-	-	-	-	1	-	-	-	-	1	-		
8:1	South Mimms <i>HH</i>	-	6,367	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
2	Barnet <i>WHH</i>	21,077	14,152	8	6	2	3	-	-	-	-	-	-	-	-	-	-	-		
3	Finchley <i>HHH</i>	4,688	25,820	14	6	1	2	-	-	-	-	2	-	-	-	1	-	-		
9:1	Hornsey <i>HH</i>	3,039	61,097	39	18	2	7	-	-	-	-	1	-	-	-	2	-	-		
2	Tottenham <i>HH</i>	4,642	97,174	80	33	7	11	-	-	-	-	-	-	-	1	1	1	-		
3	Edmonton <i>WwW</i>	7,489	36,351	34	16	7	4	-	1	-	-	-	-	-	2	2	3	-		
4	Enfield <i>WwHH</i>	12,602	31,536	29	14	8	1	-	1	-	-	5	-	-	1	1	-	-		
5	Waltham Abbey	11,017	6,066	2	3	-	2	-	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt <i>H</i>	8,480	9,620	10	5	1	1	-	-	-	-	-	1	-	-	2	-	-		
5:1	Hatfield, <i>part of</i> * <i>W</i>	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7:1	Bushey <i>H</i>	9,331	7,737	5	3	1	2	-	-	-	-	-	-	-	-	1	-	-		
2	Watford <i>WH, part of</i> *	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-		
3:1	Stratford <i>H</i>	-	38,612	26	17	4	4	-	1	-	-	1	-	-	2	4	-	-		
2	Plaistow <i>WHHH</i>	-	53,030	48	20	3	6	-	-	-	3	-	-	-	-	1	3	-		
3	Canning Town <i>H</i>	4,706	54,750	47	24	10	2	-	3	-	-	1	-	-	3	5	-	2		
4	Forest Gate <i>w</i>	-	53,511	35	20	4	9	-	-	-	1	-	-	-	-	-	-	3		
5	East Ham <i>wHH</i>	3,266	32,713	55	14	3	5	-	-	-	1	-	-	-	-	2	-	-		
6	Leyton <i>WwWwH</i>	4,334	70,188	53	39	7	14	-	1	-	1	2	-	-	-	-	12	-		
7	Walthamstow <i>HHL</i>	6,501	57,330	63	21	6	3	-	-	-	-	1	1	-	-	1	1	-		
7:1	Chigwell, <i>part of</i> * <i>HHHH</i>	11,779	12,941	7	3	1	-	-	-	-	1	-	1	-	-	-	-	-		
2	Epping <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9:1	Romford, <i>part of</i> * <i>WH</i>	6,556	4,324	5	2	-	1	-	-	-	-	-	-	-	-	-	1	-		
2	Ilford	8,493	10,913	14	3	3	-	-	-	-	-	-	-	-	-	-	-	-		
3	Barking Town, <i>H</i>	3,814	14,301	15	7	1	1	-	-	-	-	-	-	-	-	2	-	-		
	Middlesex Co. Lunatic Asy., Wandsworth.	-	-	-	3	-	2	-	-	-	-	-	-	-	-	-	3	-		
	London Co. Lunatic Asy., Cane Hill.	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-		

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Waringham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in Uxbridge sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Infectious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.



TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 14th January, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include													Deaths in Public Institutions.
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.				
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.			
GREATER LONDON	443,421	6,528,434	16·5	1·4	2067	435	588	-	36	9	46	54	14	12	91	539			
INNER LONDON -	74,672	4,546,752	18·0	1·5	1568	320	430	-	27	8	34	37	10	11	77	485			
OUTER RING -	368,749	1,981,682	13·1	1·2	499	115	158	-	9	1	12	17	4	1	14	54			

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
EDINBURGH -	298,927	January 14	151	151	26·3	-	2	4	2	10	1	2	
GLASGOW -	733,903	" 14	498	299	21·2	-	3	5	4	19	2	4	
DUBLIN -	349,594	" 14	233	182	27·1	-	-	1	2	3	1	3	
CALCUTTA -	466,460	November 26	-	-	-	-	-	-	-	-	-	-	
BOMBAY -	821,764	December 27	207	715	45·2	2	8	?	?	?	203	70	
MADRAS -	452,518	" 16	-	-	-	-	-	-	-	-	-	-	
PARIS -	2,511,629	January 7	1179	946	19·6	-	3	5	13*	9	11	35	
BRUSSELS -	551,011	" 7	-	-	-	-	-	-	-	-	-	-	
AMSTERDAM -	508,266	December 31	284	184	18·7	-	3	-	1	4	2	-	
ROTTERDAM -	303,878	" 31	213	128	21·6	-	1	1	3	6	1	-	
THE HAGUE -	196,325	" 31	94	68	18·0	-	7	-	-	5	-	-	
COPENHAGEN -	345,000	January 7	-	118	17·8	-	5	2	2	2	-	5	
STOCKHOLM -	283,550	December 31	195	100	18·3	-	2	-	4*	2	-	6	
CHRISTIANIA -	293,337	January 7	123	74	18·9	-	-	-	3	2	-	1	
ST. PETERSBURG	1,132,677	December 31	611	697	32·1	1	4	5	18	7	19	45	
MOSCOW -	988,610	" 31	-	639	33·7	7	9	9	11	3	5	32	
BERLIN -	1,773,093	" 24	918	531	15·3	-	5	11	18	10	1	24	
HAMBURG -	675,351	January 7	-	217	16·7	-	1	-	1*	-	1	5	
DRESDEN -	388,300	December 10	282	146	19·6	-	-	1	3*	4	-	9	
BRESLAU -	392,795	January 7	-	181	24·0	-	-	3	1	2	1	9	
MUNICH -	430,000	" 7	-	-	-	-	-	-	-	-	-	-	
VIENNA -	1,590,295	" 7	831	567	18·3	-	11	4	13*	4	2	27	
PRAGUE -	380,497	December 31	200	180	24·6	-	9	5	8	-	1	3	
BUDA-PESTH	631,884	" 31	436	291	23·3	-	15	4	1	2	4	12	
TRIESTE -	165,177	" 31	-	-	-	-	-	-	-	-	-	-	
ROME -	499,540	" 17	228	177	18·5	-	1	-	-	2	17§	15	
TURIN (10 days)	344,203	" 20	-	-	-	-	-	-	-	-	-	-	
VENICE -	169,001	" 31	81	86	26·4	-	-	-	6*	1	-	5	
CAIRO -	570,062	August 19	-	-	-	-	-	-	-	-	-	-	
ALEXANDRIA -	319,766	" 19	-	-	-	-	-	-	-	-	-	-	
NEW YORK (including Brooklyn)	3,438,899	December 24	1432	1416	21·9	-	6	12	33	8	12	8	
PHILADELPHIA -	1,240,266	" 17	-	-	-	-	-	-	-	-	-	-	

\* Including deaths from croup.

† Including 119 deaths from plague.

‡ Including 2 deaths from cholera.

§ Including 9 deaths from malarial fever.

1899.

NORTH AND  
DAY

JANUARY.

SUNDAY - 8  
MONDAY - 9  
TUESDAY - 10  
WEDNESDAY - 11  
THURSDAY - 12  
FRIDAY - 13  
SATURDAY - 14

MEANS -  
No. of Column -

Phases of the Moon.  
Mean daily reading (corrected and reduced to 32° Fahrenheit).  
High-est.  
Low-est.  
Daily Range.  
Mean value.  
De- parture from Average, value, 50 years.  
Mean daily value.  
Greatest value.  
Least.

Difference between the Air Temperature and Dew Point Temperature.  
Of the Dew point.  
Mean daily value.  
Greatest value.  
Least.

Degree of Saturation (Saturation equals 100).  
Highest in Sun's Rays.  
Lowest on Grass.

Of Radiation.  
Highest in Sun's Rays.  
Lowest on Grass.

Of the Earth 3 feet below the Surface.  
General Direction.  
A.M.  
P.M.

Pressure on the Square Foot.  
Great- est.  
Least.  
Mean hourly Average of 24 obs.

Robinson's.  
Horizontal Movement of the Air Day.  
Departure from Average of 16 Years.  
Miles.  
Miles.  
in.

Rain collected in a Gauge whose surface is above the Ground.

DATE.  
JANUARY.

SUNDAY - 8  
MONDAY - 9  
TUESDAY - 10  
WEDNESDAY - 11  
THURSDAY - 12  
FRIDAY - 13  
SATURDAY - 14

MEANS -  
No. of Col. -

Phases of the Moon.  
Mean daily reading (corrected and reduced to 32° Fahrenheit).  
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Mean daily value.  
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Pressure on the Square Foot.  
Great- est.  
Least.  
Mean hourly Average of 24 obs.

Robinson's.  
Horizontal Movement of the Air Day.  
Departure from Average of 16 Years.  
Miles.  
Miles.  
in.

Rain collected in a Gauge whose surface is above the Ground.

GENERAL REMARKS.

Overcast till 10h. A.M.; very fine afterwards; cloudless at night. Very fine and generally cloudless. Very mild.  
Variable; shower. Heavy shower of rain and hail accompanied by gusty wind at 10h. 30m. P.M. Mild.  
Overcast in morning; fine till noon; overcast and showery till evening; very fine afterwards.  
Fine and partially cloudy till 3h. A.M.; cloudy with frequent rain till afternoon; fine afterwards. A gale of wind. Very mild.  
Very fine in morning with strong wind till 4h. A.M.; overcast with continuous rain till evening; fine and partially cloudy afterwards.  
Very fine generally; cloudless at night.

Sum 203  
Sum 569  
Sum 28  
Sum 29

The results apply to the civil day, or from midnight to midnight.  
The height of the stem of the barometer is 138 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.  
Observations are usually taken at 9h. A.M.; noon; 3h. P.M. and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.  
The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1880, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.  
In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average.  
The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.  
The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.  
The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.  
The reading of the barometer decreased from 29.60 in. at the beginning of the week to 29.10 in. by noon on the 10th; increased to 29.41 in. by 10h. A.M. on the 11th; decreased to 29.25 in. by 4h. P.M. on the same day; increased to 29.64 in. by 1h. A.M. on the 12th; decreased to 29.00 in. by 3h. P.M. on the same day; increased to 29.64 in. by 9h. A.M. on the 13th; decreased to 29.31 in. by 5h. P.M. on the same day; and increased to 29.80 in. by the end of the week.

Sum 203  
Sum 569  
Sum 28  
Sum 29

## GENERAL REMARKS.

The results apply to the civil day, or from midnight to midnight. The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 8h. A.M.; noon; 3h. p.m., and 7h. p.m. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from a discussion of the observations made at Green Wick during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875. In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 38, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29.60 in. at the beginning of the week to 29.10 in. by noon on the 10th; increased to 29.41 in. at the beginning of the 11th; decreased to 29.25 in. by 4h. p.m. on the same day; increased to 29.64 in. by 1h. a.m. on the 12th; decreased to 29.00 in. by 2h. p.m. on the same day; increased to 29.64 in. by 9h. a.m. on the 13th; decreased to 29.31 in. by 5h. p.m. on the same day; and increased to 29.90 in. by the end of the week.



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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,*  
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No. 3. 1899. VOL. LX.]      WEEK ENDING SATURDAY, JAN. 21.      [Price 1½d.

*General Register Office, Somerset House,  
January 23rd, 1899.*

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 18·2 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Dec. 31.	Jan. 7.	Jan. 14.	Jan. 21.		Dec. 31.	Jan. 7.	Jan. 14.	Jan. 21.
33 Great Towns	19·1	19·1	18·3	18·2	Leicester - -	15·2	16·8	12·9	14·4
Birkenhead -	15·7	17·2	19·0	16·8	Liverpool - -	23·1	23·8	22·8	21·5
Birmingham -	20·9	16·7	16·8	18·1	London - - -	18·4	19·1	18·0	17·2
Blackburn -	23·5	19·7	18·9	20·4	Manchester - -	23·3	22·1	22·4	21·3
Bolton - - -	23·4	21·9	18·0	21·2	Newcastle-on-Tyne	21·3	22·6	16·2	19·8
Bradford - -	17·8	15·2	20·1	19·4	Norwich - - -	19·6	19·8	16·6	21·6
Brighton - -	18·8	16·1	11·0	17·8	Nottingham - -	17·2	19·6	21·1	19·8
Bristol - - -	16·5	18·0	20·6	18·2	Oldham - - -	23·6	19·0	23·2	15·9
Burnley - - -	16·2	15·7	14·3	13·8	Plymouth - - -	22·6	17·6	19·2	16·1
Cardiff - - -	14·1	12·6	12·6	15·7	Portsmouth - -	16·2	16·4	17·8	17·2
Croydon - - -	12·6	15·9	13·1	15·1	Preston - - -	19·3	23·5	18·2	22·6
Derby - - -	16·9	14·7	11·8	13·7	Salford - - - -	17·4	22·2	18·2	16·5
Gateshead - -	24·6	12·7	22·5	23·0	Sheffield - - -	19·2	17·2	17·8	18·9
Halifax - - -	14·6	27·7	13·9	22·4	Sunderland - -	19·2	21·5	24·0	21·5
Huddersfield -	13·7	14·6	21·2	17·1	Swansea - - -	21·0	22·6	17·1	26·6
Hull - - - -	19·3	18·0	12·9	20·7	West Ham - - -	19·5	15·1	14·9	15·8
Leeds - - - -	18·8	21·4	21·3	16·6	Wolverhampton -	24·3	18·2	17·0	20·0

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·0 in West Ham, 1·6 in Manchester, 2·0 in Huddersfield, 2·2 in Nottingham, and 2·4 in Gateshead; from *whooping-cough*, 1·0 in Derby, 1·1 in Cardiff, 1·3 in Bristol, 1·5 in Swansea and in Huddersfield, 1·7 in Nottingham, and 1·8 in Birkenhead; and from "*fever*," 1·3 in Bolton and in Preston, and 1·8 in Burnley. In none of the thirty-three towns did the death rate from *scarlet fever* or from *diarrhœa* reach 1·0 per 1000. The 68 deaths from *diphtheria* included 30 in London, 5 in Liverpool, 4 in West Ham, 4 in Portsmouth, 4 in Leicester, 4 in Sheffield, 3 in Birmingham, and 3 in Leeds. No death from *small-pox* was registered in any of the thirty-three towns.

#### LONDON.

In LONDON† 2811 BIRTHS and 1503 DEATHS were registered. Allowing for increase of population, the births were 5, and the deaths 751,

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.



below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 18·4, 19·1, and 18·0 in the preceding three weeks, further fell last week to 17·2. During the four weeks ending on Saturday last the death-rate averaged 18·2 per 1000, being 7·4 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1503 deaths included 30 from measles, 8 from scarlet fever, 30 from diphtheria, 40 from whooping-cough, 16 from enteric fever, 10 from diarrhoea and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 134 deaths were referred to these diseases, being 88 below the corrected average weekly number.

The deaths from *measles*, which had been 31, 27, and 27 in the preceding three weeks, rose again last week to 30, but were 36 below the corrected average; 5 cases belonged to Shoreditch, 4 to Bethnal Green, and 4 to Newington sanitary areas. The deaths from *scarlet fever*, which had been 12, 11, and 8 in the preceding three weeks, were again 8 last week, the corrected average being 19. The deaths from *diphtheria*, which had been 47, 30, and 34 in the preceding three weeks, fell again last week to 30, and were 9 below the corrected average; 4 cases belonged to St. Pancras, and 4 to Wandsworth sanitary areas. The deaths from *whooping-cough*, which had been 32, 41, and 37 in the preceding three weeks, rose again last week to 40, but were 32 below the corrected average; 5 cases belonged to Chelsea, 4 to St. Pancras, 4 to Newington, and 4 to Wandsworth sanitary areas. The fatal cases of *enteric fever*, which had been 15, 17, and 10 in the preceding three weeks, rose again last week to 16, and were 5 above the corrected average; 3 cases belonged to Lambeth, and 2 to Greenwich sanitary areas. The deaths from *diarrhoea*, which had been 14, 13, and 11 in the preceding three weeks, were 10 last week, the corrected average being 14. The deaths referred to diseases of the respiratory organs, which had been 306, 365, and 363 in the preceding three weeks, further fell last week to 295, and were 412 below the corrected average. The deaths attributed directly to *influenza* numbered 20, having been 15, 17, and 8 in the preceding three weeks.

Different forms of violence caused 74 deaths, concerning all but 2 of which inquests were held. Of these 74 deaths, 10 were cases of suicide, while the remaining 64 were attributed to accident or negligence. Three of these were referred to vehicles in the streets, 7 to burns and scalds, 11 to drowning, and 14 (including 12 of infants under one year of age) to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS\*.

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2749 cases of scarlet fever, 1304 of diphtheria, and 243 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 249 cases, against 225, 291, and 220; of diphtheria, 178 cases, against 166, 156, and 149; and of enteric fever, 35 cases, against 30, 36, and 35.

#### GREATER LONDON.

In Greater London 3889 births and 1977 deaths were registered, corresponding to annual rates of 31·1 and 15·8 per 1000 of the estimated population. In the Outer Ring 7 deaths from measles, 5 from scarlet fever, 22 from diphtheria, 10 from whooping-cough, and 5 from "fever" were registered. Six deaths from measles, 6 from diphtheria, and 2 from "fever" occurred in West Ham district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·515 inches, and that of the Thermometer 47·4°; the latter being 9·0° above the week's average in the 50 years 1841-90. The direction of the wind was south-westerly, the horizontal movement of the air being 78 per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 3·3 hours; the measured rainfall amounted to 1·00 inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

CITIES- AND BOROUGHES.	POPULATION estimated to the middle of the year 1899.		Registered during the year ending 21st January 1899.		Deaths of		Deaths from							Deaths in Public Institutions.				Annual Rate per 1000, corresponding to the Week's Deaths.		TEMPERATURE OF THE AIR.				RAINFALL.		CITIES AND BOROUGHES.			
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	Mean.		23.	24.	In Inches.		In Centi- metres.		
																					Births.	Deaths.						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.					
33 TOWNS.	11,404,408	6875	3979	829	1053	-	98	32	68	104	46	32	173	326	933	61	18.2	1.7	56.0	27.8	45.2	7.33	1.57	3.99	33 TOWNS.				
LONDON.	4,546,752	2811	1503	289	420	-	30	8	30	40	16	10	74	142	474	10	17.2	1.5	55.3	34.2	47.4	8.56	1.00	2.54	LONDON.				
WEST HAM.	300,241	163	91	27	12	-	6	2	4	3	1	1	3	4	11	1	15.8	3.0	-	-	-	-	-	-	WEST HAM.				
CROYDON.	127,759	73	37	10	10	-	-	-	-	-	-	-	1	5	6	-	15.1	0.4	55.0	31.7	45.7	7.61	1.05	2.67	CROYDON.				
BRIGHTON.	113,226	58	42	7	13	-	-	-	-	-	-	-	2	1	1	6	17.8	0.4	55.0	34.0	47.4	8.56	1.36	3.45	BRIGHTON.				
PORTSMOUTH.	180,741	96	63	13	14	-	2	2	4	-	-	-	-	1	10	1	17.2	3.0	-	-	-	-	-	-	PORTSMOUTH.				
PLYMOUTH.	100,437	39	31	6	13	-	-	-	2	1	1	1	1	2	7	-	16.1	2.6	-	-	-	-	-	-	PLYMOUTH.				
BRISTOL.	320,911	169	112	19	39	-	-	-	1	8	-	1	5	11	24	1	18.2	1.6	55.0	31.0	46.2	7.89	2.16	5.48	BRISTOL.				
CARDIFF.	185,826	98	56	14	10	-	1	-	1	4	-	-	2	5	4	2	15.7	1.4	-	-	-	-	-	-	CARDIFF.				
SWANSEA.	103,722	44	53	12	11	-	1	1	1	3	-	-	-	2	5	4	26.6	3.0	-	-	-	-	-	-	SWANSEA.				
WOLVERHAMPTON.	88,821	58	34	5	12	-	-	-	-	-	-	1	1	3	12	-	20.0	0.6	53.5	27.8	43.6	6.44	1.40	3.58	WOLVERHAMPTON.				
BIRMINGHAM.	514,956	349	179	43	50	-	5	1	3	2	-	-	10	14	42	4	18.1	1.1	56.0	32.8	44.7	7.06	0.65	1.65	BIRMINGHAM.				
NORWICH.	113,263	55	47	7	17	-	1	1	1	2	-	-	2	5	8	-	21.6	2.3	56.0	-	-	-	-	-	NORWICH.				
LEICESTER.	213,851	110	59	12	19	-	-	-	4	-	-	1	5	6	13	1	14.4	1.2	-	-	-	-	-	-	LEICESTER.				
NOTTINGHAM.	239,384	138	91	21	24	-	10	2	1	8	-	2	3	4	15	1	19.8	5.0	55.1	30.7	43.8	6.56	0.94	2.39	NOTTINGHAM.				
DERBY.	106,401	50	28	9	11	-	-	-	2	-	-	1	1	2	5	-	13.7	1.5	-	-	-	-	-	-	DERBY.				
BIRKENHEAD.	115,162	67	37	7	14	-	-	-	-	4	-	-	1	4	8	-	16.8	2.3	-	-	-	-	-	-	BIRKENHEAD.				
LIVERPOOL.	634,212	462	262	44	61	-	4	3	5	4	5	-	13	18	81	13	21.5	1.7	54.8	34.3	46.5	8.06	1.72	4.37	LIVERPOOL.				
BOLTON.	162,221	109	66	21	20	-	2	-	1	1	4	-	1	4	9	-	21.2	2.6	-	-	-	-	-	-	BOLTON.				
MANCHESTER.	543,462	334	222	50	44	-	17	2	1	5	4	2	9	24	54	5	21.3	3.0	-	-	-	-	-	-	MANCHESTER.				
SALFORD.	218,444	145	69	16	16	-	1	1	-	-	-	-	1	2	17	1	16.5	0.7	-	-	-	-	-	-	SALFORD.				
OLDHAM.	150,772	67	46	12	13	-	-	-	-	1	-	-	-	2	6	-	15.9	0.3	-	-	-	-	-	-	OLDHAM.				
BURNLEY.	113,081	65	30	3	4	-	-	-	-	-	-	4	1	2	3	1	13.8	2.3	-	-	-	-	-	-	BURNLEY.				
BLACKBURN.	135,154	76	53	10	17	-	-	-	-	-	-	2	2	2	3	4	20.4	1.2	-	-	-	-	-	-	BLACKBURN.				
PRESTON.	117,622	69	51	16	11	-	-	-	-	-	-	2	4	5	4	-	22.6	3.1	-	-	-	-	-	-	PRESTON.				
HUDDESFIELD.	103,461	35	34	5	11	-	4	-	-	3	-	-	2	2	5	1	17.1	3.5	49.7	31.2	43.4	6.33	3.98	10.11	HUDDESFIELD.				
HALIFAX.	97,721	43	42	8	13	-	1	-	-	-	-	-	1	2	5	3	22.4	0.5	-	-	-	-	-	-	HALIFAX.				
BRADFORD.	236,741	89	88	17	27	-	-	-	1	2	1	4	7	18	1	19.4	1.3	53.8	32.0	-	-	44.2	6.78	2.30	5.84	BRADFORD.			
LEEDS.	423,889	252	135	38	30	-	1	2	3	-	-	-	4	13	15	1	16.6	0.7	-	-	-	-	-	-	LEEDS.				
SHEFFIELD.	361,169	253	131	28	34	-	1	1	4	1	3	1	2	5	19	-	18.9	1.6	-	-	-	-	-	-	SHEFFIELD.				
HULL.	234,270	148	93	21	21	-	1	1	2	3	-	-	8	12	14	4	20.7	1.6	56.0	30.0	44.0	6.67	0.76	1.93	HULL.				
SUNDERLAND.	145,613	118	60	13	9	-	1	-	-	-	-	-	5	6	9	2	21.5	1.4	-	-	-	-	-	-	SUNDERLAND.				
GATESHEAD.	166,552	77	47	8	14	-	5	-	1	-	-	-	-	-	8	-	23.0	2.9	-	-	-	-	-	-	GATESHEAD.				
NEWCASTLE.	228,625	155	87	18	19	-	4	-	-	2	1	-	6	9	12	4	19.8	1.6	-	-	-	-	-	-	NEWCASTLE.				



TABLE 2. LONDON.—Births and Deaths Registered in the THIRD Week of each of the Eleven Years, 1889–99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889–98.*	1899
<b>TOTAL Births</b>	2837	2714	2789	2623	2645	2729	2818	2491	2484	2631	2815·6	2811
Males - -	1430	1409	1381	1357	1330	1342	1388	1310	1284	1322	1426·0	1485
Females - -	1407	1305	1408	1266	1315	1387	1430	1181	1200	1309	1389·6	1326
<b>TOTAL Deaths</b>	1769	2720	2212	3791	2101	1975	1689	1624	1547	2021	2253·6	1503
Males - -	899	1420	1061	1723	1037	997	879	820	800	1043	1123·6	779
Females - -	870	1300	1151	2068	1064	978	810	804	747	978	1130·0	724

\*The numbers in this column are the average weekly numbers in the third week of the ten years 1889–98, raised by 5·213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Oct. 29.	Nov. 5.	Nov. 12.	Nov. 19.	Nov. 26.	Dec. 3.	Dec. 10.	Dec. 17.	Dec. 24.	Dec. 31.	Jan. 7.	Jan. 14.	Jan. 21.
<b>TOTAL Births</b>	2652	2530	2696	2585	2155	2575	2577	2519	2422	2215	2893	2435	2811
<b>TOTAL Deaths</b>	1411	1394	1405	1436	1439	1569	1447	1423	1470	1593	1666	1568	1503
Ages at Death													
Under 1 year - -	349	357	323	310	320	362	289	286	292	339	325	320	289
1–5 years - -	169	155	158	171	157	203	166	176	189	188	175	177	169
5–20 " - -	82	73	76	98	95	78	77	88	100	95	78	87	78
20–40 " - -	178	198	191	197	198	190	196	174	213	188	224	223	220
40–60 " - -	282	276	293	305	287	297	320	317	292	354	390	331	327
60–80 " - -	287	258	299	286	302	349	331	303	316	350	396	346	341
80 years and upwards	64	77	60	69	80	90	68	79	68	79	78	84	79
Deaths from—													
Small pox - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles - -	19	23	19	19	24	25	22	31	24	31	27	27	30
Scarlet Fever - -	10	13	17	12	7	9	11	6	14	12	11	8	8
Diphtheria - -	46	28	31	44	38	43	43	40	46	47	50	34	30
Whooping-cough - -	13	10	13	14	16	28	22	26	21	32	41	37	40
Typhus - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever - -	20	29	27	28	33	21	26	19	21	15	17	10	16
Simple Continued Fever - -	2	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery ..	33	34	17	16	6	17	19	13	19	14	13	11	10
Cholera - -	1	-	-	-	1	-	-	-	-	-	-	-	-
All the above Diseases - -	144	138	124	133	125	143	144	135	145	152	139	127	134
Dis. of Respiratory System -	282	237	248	285	280	340	295	283	284	306	385	363	295
Phthisis - -	140	135	155	183	148	161	156	143	156	165	163	179	154
Dis. of Circulatory System -	125	130	133	125	145	145	140	123	136	157	186	152	153
Violence - -	63	50	71	67	66	78	53	72	73	93	82	77	74
Inquest Cases - -	135	114	143	137	139	179	131	149	153	209	209	171	142
Deaths in Public Institutions -	459	433	451	468	473	446	474	449	470	488	540	485	474
TEMPERATURE OF THE AIR.													
Mean - -	55·5	49·8	49·6	48·0	41·7	44·1	49·4	48·0	46·1	48·3	42·0	48·0	47·4
Mean of Highest readings -	61·0	56·5	56·0	52·5	45·2	47·6	52·7	51·9	45·3	48·1	46·9	50·7	51·9
Mean of Lowest readings -	50·6	43·0	44·0	43·1	37·3	39·5	45·1	43·0	34·6	36·8	36·2	39·8	41·9
Humidity of the Air - -	82	79	93	89	90	85	83	83	80	84	87	83	84
Rain-fall (in inches) - -	1·03	0·52	0·02	0·02	1·88	0·26	1·34	0·00	0·02	0·61	0·24	1·03	1·00
Registered Sunshine (in hours)	22·2	28·7	27·2	10·7	7·0	5·6	6·7	0·8	12·9	14·0	5·6	20·3	3·3
CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.													
Small-pox - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet Fever - -	3031	3002	3183	3259	3162	3142	3090	3043	2901	2939	2912	2777	2749
Diphtheria - -	1187	1241	1251	1251	1230	1274	1314	1310	1261	1248	1253	1257	1304
Enteric Fever - -	223	239	242	252	266	286	285	285	260	255	234	250	243

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and F. G.obbyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRD Week of the Year 1899.

CAUSES OF DEATH		Corrected Averages for the 3rd Week of the 10 years 1889-98.	In the Week ending Saturday, 21st January 1899.								CAUSES OF DEATH		Corrected Averages for the 3rd Week of the 10 years 1889-98.	In the Week ending Saturday, 21st January 1899.							
			Deaths of Persons of the Ages											Deaths of Persons of the Ages							
			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.				ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.
				0-1.	1-5.	5-20.									0-1.	1-5.	5-20.				
CAUSES	- - -	2253.6	1503	289	169	78	220	327	341	79	Diseases of Circulatory System	190.9	153	1	3	12	22	44	60	11	
all- { Vaccinated	-	0.1	-	-	-	-	-	-	-	-	Croup	7.8	1	-	1	-	-	-	-	-	
ox { Unvaccinated	-	0.1	-	-	-	-	-	-	-	-	Bronchitis	455.0	163	31	15	2	8	28	67	12	
les { No Statement	-	0.1	-	-	-	-	-	-	-	-	Pneumonia	184.5	98	19	23	5	10	26	13	2	
et Fever	-	19.3	30	8	1	3	1	-	-	-	Pleurisy	5.8	4	-	-	1	1	2	-	-	
hus	-	-	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System	54.3	20	4	1	-	1	10	12	1	
psing Fever	-	-	-	-	-	-	-	-	-	-	Dentition	10.2	5	1	4	-	-	-	-	-	
enza	-	86.8	20	2	-	-	6	9	2	1	Quinsy, Sore Throat	2.5	2	-	2	-	-	-	-	-	
oping-cough	-	72.1	40	17	21	2	-	-	-	-	Enteritis	11.4	14	8	-	2	3	-	1	-	
theria	-	39.0	30	3	19	8	-	-	-	-	Peritonitis	6.7	7	-	1	5	1	-	-	-	
ple Continued and defined Fever	-	0.7	-	-	-	-	-	-	-	-	Diseases of Liver	25.9	33	2	1	-	5	16	8	1	
eric Fever	-	10.6	16	-	1	4	8	3	-	-	Other Diseases of Digestive System	33.2	26	4	1	2	3	8	8	-	
era and Chol. Diarr.	-	0.2	-	-	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands	1.7	-	-	-	-	-	-	-	-	
rhœa, Dysentery	-	13.7	10	8	-	-	-	-	1	1	Diseases of Urinary System	50.4	40	-	-	2	4	17	13	4	
itent Fever	-	-	-	-	-	-	-	-	-	-	Diseases of Generative System	5.2	7	-	-	-	4	3	-	-	
rophobia	-	0.1	-	-	-	-	-	-	-	-	Accidents of Childbirth	5.3	4	-	-	-	2	2	-	-	
ders	-	-	-	-	-	-	-	-	-	-	Diseases of Locomotive System	8.6	8	1	1	1	2	1	2	-	
rox and Effects of vaccination	-	0.2	-	-	-	-	-	-	-	-	Diseases of Integumentary System	6.9	4	1	1	-	1	1	-	-	
ereal Affections	-	10.5	8	6	-	-	2	-	-	-	VIOLENT DEATHS† (ACCIDENT.)	-	-	-	-	-	-	-	-	-	
ipelas	-	6.2	2	1	-	-	-	-	1	-	By Railways	-	1	-	-	-	1	-	-	-	
mia and Septicæmia	-	1.8	1	-	-	-	1	-	-	-	By Vehicles or Horses	-	3	-	-	1	1	1	-	-	
peral Fever	-	6.1	2	-	-	-	2	-	-	-	In Ships, Boats, Docks, (exclusive of Drowning)	-	1	-	-	-	1	-	-	-	
or Zymotic Diseases	-	1.9	1	-	1	-	-	-	-	-	In Building Operations	-	-	-	-	-	-	-	-	-	
ish	-	1.1	1	1	-	-	-	-	-	-	In Conflagrations	-	1	-	-	1	-	-	-	-	
ms and other Paracal Diseases	-	0.5	-	-	-	-	-	-	-	-	By Burns, Scalds, Explosions	63.5	7	1	1	2	1	1	1	-	
ation, Want of	-	-	-	-	-	-	-	-	-	-	By Drowning	-	11	-	2	-	5	3	1	-	
east-milk	-	-	-	-	-	-	-	-	-	-	By Suffocation in Bed	-	14	12	-	-	1	1	-	-	
colism	-	10.9	11	-	-	3	7	1	-	-	By Poisons or Poisonous Vapours	-	1	-	-	-	1	-	-	-	
umatic Fever, eumatism of Heart	-	9.9	3	-	-	1	1	1	-	-	Other or not stated causes	-	25	4	1	2	7	3	7	1	
matism	-	2.1	1	-	-	1	-	-	-	-	(VIOLENCE OTHER THAN ACCIDENTAL.)	-	-	-	-	-	-	-	-	-	
cts	-	3.9	2	-	-	-	1	1	-	-	Homicide	1.6	-	-	-	-	-	-	-	-	
er	-	5.3	4	1	3	-	-	-	-	-	Suicide	8.7	10	-	-	-	5	4	1	-	
es Mesenterica	-	68.4	92	-	1	1	9	33	45	3	Execution	-	-	-	-	-	-	-	-	-	
regular Meningitis	-	19.6	14	9	4	1	-	-	-	-	OTHER CAUSES	56.6	48	46	-	-	-	1	1	-	
sis	-	23.5	22	5	13	4	-	-	-	-											
ula, Tuberculosis	-	191.4	154	1	5	10	72	53	12	1											
er Constitutional	-	19.1	19	3	1	7	4	3	1	-											
eases	-	14.9	10	-	-	1	4	3	2	-											
ature Birth	-	50.0	41	41	-	-	-	-	-	-											
ctasis	-	4.0	4	4	-	-	-	-	-	-											
enital Malforma-	-	9.8	5	4	1	-	-	-	-	-											
is	-	73.3	59	-	-	-	-	25	34	-											
ge	-	-	-	-	-	-	-	-	-	-											
lexy	-	52.6	42	-	-	-	2	13	24	3											
psy	-	8.5	4	-	-	-	3	1	-	-											
ulsions	-	48.7	36	34	2	-	-	-	-	-											
Diseases of Brain	-	99.0	90	7	14	5	10	23	28	3											
Nervous System	-	-	-	-	-	-	-	-	-	-											
ses of Organs of	-	-	-	-	-	-	-	-	-	-											
cial Sense	-	2.6	1	-	-	-	1	-	-	-											

The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the death is not certified by a registered practitioner, the case is returned under the heading "no statement," when the evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder manslaughter or suicide. All such cases are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHOEA, VIOLENCE, &amp;c., registered in each SUB-DISTRICT during the Week ending Saturday, 21st January, 1899.

REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	The DEATHS registered during the Week include																Deaths in Public Institutions, Unidentified Deaths.	of Causes
					Deaths of		Deaths from															
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.					
LONDON - -		4,411,710	2811	1503	289	420	-	30	8	30	40	-	16	-	10	74	142	474	10			
WEST DISTRICTS.																						
St. Mary Paddington } G. & W.		90,996	44	29	6	11	-	-	-	-	2	-	-	-	-	-	-	8	-			
St. John Paddington } H - - G.		33,510	2	11	1	4	-	-	-	-	-	-	-	-	-	1	1	5	-			
Kensington Town } Ww - - W.		122,164	72	59	11	27	-	-	-	1	1	-	-	-	-	2	3	23	-			
Brompton } HH - - W & C.		48,301	15	10	-	3	-	-	-	-	-	-	-	-	-	-	1	5	-			
St. Peter Hammersmith - - W.		9,097	5	3	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-			
St. Paul Hammersmith } HH W. & G.		25,102	64	35	9	10	-	-	-	1	1	-	-	-	-	2	3	3	-			
Fulham } Ww - - W. & C.		113,781	98	33	13	7	-	-	1	2	-	-	2	-	-	5	7	10	-			
Chelsea Kensal Town - - C.		21,450	24	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Chelsea North } WHHHHH - C.		42,057	12	23	4	8	-	-	-	-	2	-	-	-	-	-	-	12	-			
Chelsea South } HH - - C.		33,139	16	12	4	5	-	-	-	1	2	-	-	-	-	1	2	-	-			
May Fair } W - - - G.		23,827	12	11	-	6	-	-	-	-	-	-	-	-	-	-	-	8	-			
Belgrave } WHHH - - C.		56,140	19	23	3	6	-	-	-	-	1	-	-	-	-	4	4	11	1			
St. John Westminster } HH - - C.		31,492	13	9	1	4	-	-	-	-	-	-	1	-	-	-	-	1	-			
St. Margaret Westminster } H - C.		22,097	7	5	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-			
St. James Westminster } WHH - N. & G.		23,050	8	9	1	5	-	-	-	-	-	-	-	-	-	-	-	4	-			
St. Anne Soho } HHHHHH - N.		12,048	8	5	1	-	-	-	-	-	-	-	-	-	-	-	-	3	-			
NORTH DISTRICTS.																						
All Souls Marylebone } - - W.		36,595	8	17	4	3	-	-	-	1	1	-	1	-	-	-	-	9	-			
Rectory Marylebone } W - G. & W.		19,798	11	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Mary Marylebone } - - G. & W.		19,637	26	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Christchurch Marylebone } H - W		32,547	17	6	2	2	-	-	-	-	-	-	-	-	1	-	1	-	-			
St. John Marylebone } HHH - W.		32,611	17	9	3	-	-	-	-	-	1	-	-	-	-	-	-	-	-			
Hampstead } WwHHHH - N. & W.		75,449	32	16	3	1	-	-	1	2	-	-	2	-	1	1	1	10	-			
Regent's Park Pancras } HH - W.		37,341	25	10	-	2	-	2	-	-	-	-	-	-	-	-	-	1	-			
Tottenham-court } wHHHH - N. & W.		26,757	9	13	-	3	-	-	-	-	-	-	-	-	-	-	1	8	-			
Gray's Inn Lane } HHH - N.		29,426	18	11	1	1	-	-	-	-	1	-	-	-	-	-	1	2	-			
Somers Town } HH - - N.		32,161	23	15	1	4	-	-	-	-	1	-	-	-	-	-	1	4	-			
Camden Town } WH - - N.		16,669	9	7	1	5	-	-	-	-	-	-	-	-	-	-	1	4	-			
Kentish Town } WW - - N.		98,410	51	33	6	8	-	2	-	-	1	-	-	-	1	2	4	5	-			
Upper Holloway } WwWwHH - - N.		98,273	56	43	6	16	-	2	-	-	-	-	-	-	-	1	5	16	-			
Islington South-west } H - N.		107,365	66	20	4	5	-	-	-	-	1	-	1	-	-	-	-	-	-			
Islington South-east } - - N.		66,549	48	15	3	2	-	-	-	-	1	-	-	-	-	1	1	-	-			
Highbury } HH - - N.		64,577	37	16	3	6	-	-	-	-	-	-	-	-	-	1	2	-	-			
Stoke Newington } H - - N.		33,485	16	6	-	4	-	1	-	-	-	-	-	-	-	-	-	-	-			
North Hackney - - E. & N.		29	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Central Hackney } ww - E. & N.		213,044	40	16	5	4	-	-	-	5	1	-	-	-	-	-	2	5	-			
South-west Hackney } HHH E. & N.		39	22	6	5	6	-	-	-	-	-	-	-	-	-	2	4	3	-			
South-east Hackney } WwH E. & N.		38	21	6	6	-	-	-	-	-	1	-	-	-	-	-	2	5	-			

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received; w—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The R man capitals signify the Water Companies which supply the different Sub-districts; G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

See note on first page of this Return

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 21st January, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation. 1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include														Deaths in Public Institutions	Un- certified Deaths.
				Deaths of		Deaths from													
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence	Luquet Cases.			
CENTRAL DISTRICTS.																			
George Bloomsbury - - N.	16,110	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Giles South WH - - N.	12,976	14	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Giles North H - - N.	9,151	9	7	-	1	-	-	-	-	-	-	-	-	-	-	-	1	3	-
Martin-in-the-Fields HHN. & C.	13,077	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
and WHH - - N.	11,839	5	8	3	1	-	-	-	-	-	-	-	-	-	-	-	-	4	-
and Union Workhouse, Edmonton	†1,037	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
born vHHHHHHH - - N.	31,042	17	17	4	2	-	-	-	3	-	-	-	-	-	1	3	-	8	-
James Clerkenwell - - N.	15,777	17	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
well Clerkenwell - - N.	34,356	22	6	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
well-street - - N.	18,069	12	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7-road HHHH - - N.	29,597	38	11	3	3	-	-	-	-	-	-	-	-	-	-	-	3	2	-
itecross-street - - N.	7,595	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sbury - - N.	4,035	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
born Union Workhouse, } itcham - - - - - }	†892	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Botolph H - - N. & E.	6,870	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pplegate - - N.	3,299	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sepulchre WH - - N.	9,591	1	16	-	3	-	-	-	-	-	-	-	-	-	-	1	12	1	-
allows Barking - - N.	9,059	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ad Street H - - N.	2,892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
of London Asylum, Stone - -	†388	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
EAST DISTRICTS.																			
reditch South H - - E. & N.	17,975	8	4	-	-	-	1	-	-	-	-	-	-	-	-	-	-	2	-
xton New Town w - - N.	29,575	23	14	1	7	-	2	-	-	-	-	-	-	-	1	2	-	5	-
xton Old Town - - N.	27,645	14	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ggerston WH - - N. & E.	47,163	32	17	2	5	-	2	-	-	-	-	-	-	-	1	1	10	-	-
hnal Green North H - - E.	49,301	50	16	7	-	-	1	-	-	1	-	-	-	-	1	3	1	-	-
hnal Green South - - E.	34,194	29	4	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
hnal Green East WH - - E.	45,667	33	34	7	16	-	1	-	-	-	-	-	-	-	-	1	21	-	-
talfields - - E. & N.	26,681	24	5	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
e End New Town* WH - E.	51,995 {	22	28	4	8	-	-	-	1	-	-	-	-	-	-	4	7	23	-
odman's Fields* - - E.		16	6	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
George's North - - E.	39,576	38	7	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
John, St. George East W E.	7,930	3	3	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
dwell H - - E. & N.	10,434	5	6	1	-	-	-	-	-	-	-	-	-	-	-	1	1	4	-
cliff W - - E.	14,954	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ehouse - - E.	32,917	27	7	1	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-
e End Old Town West H E.	111,060 {	48	12	5	1	-	-	-	-	-	-	-	-	-	2	2	-	-	-
e End Old Town East } VWww - - E.		33	29	6	7	-	1	-	-	-	-	-	-	-	-	1	9	-	-
w l - - E.	41,687	36	14	3	5	-	-	-	-	1	-	-	-	-	-	-	-	1	-
smley wwwH - - E.	69,821	60	46	6	14	-	-	-	1	1	-	-	-	-	-	4	8	25	-
olar WW - - E.	57,759	41	16	4	2	-	2	-	-	-	-	-	-	-	-	3	5	-	-

† Population in 1891, not included in the total population of the Central Districts or of London.

Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.



TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 21st January, 1899—*continued.*

[illegible]

6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 21st January, 1899.

REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- mer- ated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include														
					Deaths of		Deaths from										Loquent Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.					
LONDON—OUTER RING	368,749	1,422,063	1078	474	106	133	-	7	5	22	10	5	1	18	34	61	6		
Carshalton WHH	12,223	26,108	19	12	3	5	-	-	-	-	-	-	-	-	-	1	1		
Epsom, part of* WWH	10,423	12,508	3	8	2	4	-	-	-	-	-	-	-	-	-	5	1		
Godstone, part of* W	2,754	1,598	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
Croydon WWHH	20,851	128,699	88	44	10	12	-	-	1	1	-	-	-	-	2	7	8		
Mitcham W	11,697	23,072	21	10	3	2	-	-	-	-	-	-	-	-	-	1	-		
Wimbledon HHH	3,220	25,777	20	11	2	2	-	-	-	1	-	-	-	-	-	-	-		
Kingston W	-	33,566	28	14	2	4	-	-	-	1	-	-	-	-	2	3	1		
Surbiton H	-	12,178	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Esher, part of* HH	14,672	11,080	3	2	-	1	-	-	-	-	-	-	-	-	-	1	-		
Hampton HL	4,565	18,252	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
Richmond WH	2,160	25,389	16	8	-	1	-	-	-	-	-	1	-	-	-	1	-		
Mortlake H	2,823	16,159	7	4	-	1	-	-	-	-	-	-	-	-	1	-	-		
Bromley HHH	9,127	23,315	14	6	1	-	-	-	-	2	-	1	-	-	2	2	4		
Beckenham H	6,542	21,969	10	5	1	1	-	-	-	-	-	-	-	-	-	-	1		
Chislehurst, part of* WHH	14,307	20,372	22	6	1	1	-	-	-	-	-	-	-	-	1	-	-		
Bexley HHH	12,540	30,590	26	8	2	2	-	-	-	2	-	-	-	-	1	1	-		
Dartford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Sunbury W	11,054	13,671	7	2	-	1	-	-	-	-	-	-	-	-	-	1	-		
Staines WH	13,277	13,221	11	6	1	1	-	-	-	1	-	-	-	1	1	-	-		
Hillingdon WHH	6,035	12,237	8	1	-	1	-	-	-	-	-	-	-	-	-	1	-		
Uxbridge	12,757	7,253	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Hayes WH	7,952	11,051	10	3	-	-	-	-	-	-	-	-	-	1	1	-	-		
Isleworth WHH	6,967	26,004	22	14	-	8	-	-	-	1	-	-	-	-	-	4	1		
Twickenham HH	2,415	16,027	13	4	-	2	-	-	-	-	1	-	-	-	1	1	-		
Brentford HHHH	4,318	37,777	25	12	1	6	-	-	-	2	-	-	-	-	-	2	-		
Chiswick	1,245	21,963	12	7	2	1	-	-	-	-	-	-	-	-	-	-	-		
Acton WHH	6,132	30,945	33	17	3	4	-	-	-	-	-	1	-	-	1	1	-		
Harrow HHH	13,809	15,715	12	3	2	1	-	-	-	-	-	-	-	-	-	-	1		
Edgware HH	6,994	3,844	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Willesden HHH	4,383	61,265	75	13	6	3	-	-	1	2	-	-	-	-	-	1	-		
Hendon WH	6,382	15,843	12	3	-	2	-	-	-	-	-	-	-	-	-	2	-		
South Mimms HH	-	6,367	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Barnet WHH	21,077	14,152	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
Finchley HHH	4,658	25,820	18	4	2	2	-	-	-	-	-	-	-	-	-	-	-		
Hornsey HH	3,039	61,097	36	15	1	7	-	-	-	1	-	-	-	-	-	-	-		
Tottenham HH	4,642	97,174	58	32	6	6	-	1	3	2	-	-	-	-	2	3	1		
Edmonton WWH	7,489	36,351	33	23	5	11	-	-	-	-	-	-	-	-	2	4	6		
Enfield WWHH	12,602	31,536	20	9	-	5	-	1	-	-	-	-	-	-	-	2	-		
Waltham Abbey	11,017	6,066	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cheshunt H	8,480	9,620	7	9	4	3	-	-	-	1	-	-	-	-	-	-	1		
Hatfield, part of* W	3,306	582	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bushey H	9,331	7,737	5	2	-	2	-	-	-	-	-	-	-	-	-	-	-		
Watford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Stratford H	-	38,612	28	16	3	3	-	2	-	1	-	-	-	-	-	-	-		
Plaistow WHH	-	53,030	50	20	7	2	-	1	1	2	-	-	-	-	1	1	3		
Canning Town H	-	54,750	56	32	13	1	-	4	1	1	-	1	1	-	1	2	1		
Fore Gate W	-	53,511	29	19	4	4	-	-	-	1	1	-	-	-	1	1	-		
East Ham WHH	3,266	32,713	44	12	5	4	-	-	-	-	-	-	-	-	-	-	-		
Leyton WWH	4,334	70,188	68	25	6	9	-	-	1	1	1	-	-	-	1	1	10		
Walthamstow HHL	6,501	57,330	61	13	4	3	-	-	-	1	-	-	-	-	-	-	-		
Chigwell, part of* HHHH	11,779	12,941	7	2	1	1	-	-	-	-	-	-	-	-	-	-	-		
Epping WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Romford, part of* WH	6,556	4,324	4	2	-	2	-	-	-	-	-	-	-	-	-	2	-		
Ilford	8,493	10,913	10	5	-	2	-	-	-	-	1	-	-	-	-	-	-		
Barking Town, H	3,814	14,301	10	2	-	1	-	-	-	-	-	-	-	-	-	-	-		

parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warlingham and Canning Town sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chislehurst, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in sub-district; 187: 1, Chigwell sub-district, except the parish of Theodan Bois and part of the parish of Epping (pop. 189); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals and Diseases belonging to the Outer Ring in 1898.



TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 21st January, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE OF MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.		
GREATER LONDON	443,421	6,528,434	15.8	1.5	1977	395	556	-	37	13	52	50	21	11	92		
INNER LONDON -	74,672	4,546,752	17.2	1.5	1503	289	420	-	30	8	30	40	16	10	74		
OUTER RING -	368,749	1,981,682	12.5	1.3	474	106	136	-	7	5	22	10	5	1	18		

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	
EDINBURGH -	298,927	January 21	170	120	20.9	-	6	1	1	12	1		
GLASGOW -	733,903	" 21	436	316	22.4	-	2	4	2	15	4		
DUBLIN -	349,594	" 21	197	192	28.6	-	-	1	1	4	3		
CALCUTTA -	466,460	December 3	-	266	29.7	-	-	-	4	1	86		
BOMBAY -	821,764	January 3	236	859	54.4	-	5	?	?	?	241		
MADRAS -	452,518	December 16	-	-	-	-	-	-	-	-	-		
PARIS -	2,511,629	January 14	1201	948	19.3	-	8	6	8*	10	7		
BRUSSELS -	551,011	" 14	266	192	18.1	-	16	-	3*	3	3		
AMSTERDAM -	512,758	" 7	292	183	18.6	-	1	-	-	7	-		
ROTTERDAM -	303,878	" 7	201	103	17.4	-	2	-	-	6	1		
THE HAGUE -	196,325	" 7	113	68	18.0	-	4	-	-	1	-		
COPENHAGEN -	345,000	" 14	194	130	19.7	-	10	2	4	2	1		
STOCKHOLM -	283,550	" 7	107	109	20.0	-	3	-	4*	2	1		
CHRISTIANIA -	203,337	" 14	112	71	18.1	-	-	-	-	-	1		
ST. PETERSBURG	1,132,677	" 7	486	656	30.2	1	6	13	15	3	7		
MOSCOW -	988,610	" 7	-	537	28.3	4	11	5	10	6	5		
BERLIN -	1,773,003	December 31	942	568	16.4	-	9	6	21	8	1		
HAMBURG -	675,351	January 14	-	233	17.9	-	-	-	2*	6	1		
DRESDEN -	388,300	December 10	282	146	19.6	-	-	1	3*	4	-		
BRESLAU -	392,795	January 14	-	184	24.4	-	1	-	2	4	-		
MUNICH -	430,000	" 7	-	-	-	-	-	-	-	-	-		
VIENNA -	1,606,629	" 14	835	666	21.5	-	10	6	18*	5	2		
PRAGUE -	380,497	" 7	199	211	28.3	-	11	2	5	-	-		
BUDA-PESTH -	650,502	" 7	436	315	24.6	-	7	1	7	1	8		
TRIESTE -	165,177	" 7	126	108	33.3	-	-	4	2	-	1		
ROME -	499,540	December 24	216	217	22.6	-	1	-	-	3	13		
TURIN (10 days)	344,203	" 20	-	-	-	-	-	-	-	-	-		
VENICE -	169,001	January 7	-	-	-	-	-	-	-	-	-		
CAIRO -	570,062	August 19	-	-	-	-	-	-	-	-	-		
ALEXANDRIA -	319,766	" 19	-	-	-	-	-	-	-	-	-		
NEW YORK (including BROOKLYN)	3,438,899	December 31	1437	1560	23.7	-	9	11	25	5	9		
PHILADELPHIA -	1,240,266	" 24	-	650	27.3	-	1	2	26	3	24		

\* Including deaths from croup.

† Including 3 deaths from cholera.

‡ Including 154 deaths from plague.

§ Including 6 deaths from malarial fever.

1899.

MONTH AND DAY	Phases of the Moon.	BAROMETER.		TEMPERATURE.		Of the Air.		Of the Dew point.		Difference between the Air Temperature and Dew Point Temperature.		Of Radiation.		Of the Earth 3 feet below surface.		General Direction.		Other.		Wind as deduced from Anemometers.		Rain collected by Gauge whose receiving surface is above the ground.
		High-est.	Low-est.	Daily Range.	Mean daily value.	De-parture from average of 50 years.	Mean daily value.	Mean daily value.	Greatest daily value.	Least daily value.	Degree of humidity (Saturation equals 100).	Highest in Sun's Ray's.	Lowest on Grass.	°	°	°	°	°	°	°	°	°
JANUARY.	In Equator	in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
SUNDAY	15	29.614	36.0	13.1	48.5	+ 8.2	45.0	1.5	4.2	0.0	94	54.1	28.5	45.62	0.8	WSW. & S.	SW.	12.0	0.0	1.9	898	0.26
MONDAY	16	29.245	42.6	10.5	47.9	+ 9.4	40.3	7.6	10.3	2.8	75	87.8	38.9	45.02	0.8	WSW. & S.	SW.	17.0	0.0	1.9	898	0.28
TUESDAY	17	29.833	34.2	9.1	37.8	- 0.7	30.7	7.1	11.3	0.9	76	62.0	28.8	45.40	0.4	WSW. & S.	WSW.	7.8	0.0	0.4	335	0.09
WEDNESDAY	18	29.650	41.0	11.7	48.8	+ 10.3	44.0	4.8	8.4	0.9	83	64.3	37.1	45.26	1.1	WSW. & S.	WSW. & S.	11.5	0.0	1.1	526	0.04
THURSDAY	19	29.472	45.5	7.5	49.7	+ 11.2	47.4	2.3	4.6	0.0	92	68.7	40.0	45.27	1.4	WSW. & S.	SSW.	14.2	0.0	1.4	573	0.07
FRIDAY	20	29.523	43.8	8.3	48.6	+ 10.2	44.0	4.6	6.7	2.9	84	63.8	37.7	45.63	1.2	SSW. & S.	SSW.	14.5	0.0	1.2	556	0.09
SATURDAY	21	29.266	55.3	5.0	52.6	+ 14.3	47.8	4.8	8.2	1.5	84	67.0	47.7	45.87	0.0	SSW.	SSW.	28.0	0.0	3.6	950	0.17
MEANS	-	29.515	41.9	10.1	47.4	+ 9.0	42.7	4.7	7.7	1.3	84	66.1	37.0	45.44	-	S.W.	-	-	-	-	Sum	2.0
No. of Column	-	3	4	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

The results apply to the civil day, or from midnight to midnight.  
 The height of the column of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.  
 Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875. In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average.  
 The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.  
 The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: - P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.  
 The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.  
 The reading of the barometer decreased from 29.90 in. at the beginning of the week to 29.18 in. by 4h. P.M. on the 16th; increased to 29.90 in. by 10h. A.M. on the 17th; decreased to 29.45 in. by 1h. P.M. on the 19th; increased to 29.60 in. by 10h. A.M. on the 20th; and decreased to 29.18 in. by the end of the week.

GENERAL REMARKS.		Registered Sunshine in hours.		Sun above Horizon in hours.	
Fine and partially cloudy in early morning; overcast afterwards with continuous rain between 9h. A.M. and 2h. P.M. Windy after 1h. P.M. Mild.		00	83	83	
Overcast with frequent rain in early morning; fine with partial solar halo in forenoon; variable and showery till evening; generally cloudless afterwards. Lightning at night. Strong gusty wind throughout the day. Mild.		08	83		
Variable in early morning with slight shower at 1h. 30m. A.M.; very fine generally till evening; overcast with continuous rain afterwards. Slight hoar frost in morning.		23	84		
Overcast generally. Continued rain till 3h. A.M. Brisk wind at night. Mild.		00	84		
Overcast with frequent slight rain till 4h. P.M.; very fine generally afterwards. Strong wind till noon. Lunar halo in evening. Very mild.		00	85		
Fine and partially cloudy till 10h. A.M.; overcast in forenoon; rain afterwards. Strong wind at night. Mild.		01	85		
Strongly overcast; occasional rain. A gale of wind throughout the day. Very mild.		07	86		
Sum		33	590	29	
No. of Col.	-	28			27



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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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January 30th, 1899.

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 17·0 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Jan. 7.	Jan. 14.	Jan. 21.	Jan. 28.		Jan. 7.	Jan. 14.	Jan. 21.	Jan. 28.
33 Great Towns	19·1	18·3	18·2	17·0	Leicester - -	16·8	12·9	14·4	16·6
Birkenhead -	17·2	19·0	16·8	18·1	Liverpool - -	23·8	22·8	21·5	23·3
Birmingham -	16·7	16·8	18·1	16·0	London - - -	19·1	18·0	17·2	15·8
Blackburn -	19·7	18·9	20·4	15·4	Manchester -	22·1	22·4	21·3	18·5
Bolton -	21·9	18·0	21·2	19·0	Newcastle-on-Tyne	22·6	16·2	19·8	16·9
Bradford -	15·2	20·1	19·4	17·9	Norwich - -	19·8	16·6	21·6	18·9
Brighton -	16·1	11·0	17·8	17·3	Nottingham -	19·6	21·1	19·8	18·1
Bristol -	18·0	20·6	18·2	17·1	Oldham - - -	19·0	23·2	15·9	18·0
Burnley -	15·7	14·3	13·8	16·6	Plymouth - -	17·6	19·2	16·1	23·8
Cardiff -	12·6	12·6	15·7	12·9	Portsmouth -	16·4	17·8	17·2	15·6
Croydon -	15·9	13·1	15·1	13·5	Preston - - -	23·5	18·2	22·6	22·6
Derby -	14·7	11·8	13·7	18·6	Salford - - -	22·2	18·2	16·5	16·2
Gateshead -	12·7	22·5	23·0	18·1	Sheffield - -	17·2	17·8	18·9	18·3
Halifax -	27·7	13·9	22·4	14·4	Sunderland -	21·5	24·0	21·5	22·2
Huddersfield -	14·6	21·2	17·1	17·6	Swansea - - -	22·6	17·1	26·6	21·6
Hull -	18·0	12·9	20·7	16·7	West Ham - -	15·1	14·9	15·8	12·0
Leeds -	21·4	21·3	16·6	16·6	Wolverhampton	18·2	17·0	20·0	18·2

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·1 in Nottingham, 1·2 in Manchester, and 1·3 in Bolton; from *scarlet fever*, 1·5 in Gateshead; from *whooping-cough*, 1·0 in Huddersfield, 1·1 in Bristol and in Halifax, 1·2 in Croydon, and 1·4 in Birkenhead and in Sunderland; and from "*fever*," 1·1 in Halifax. In none of the thirty-three towns did the death rate from *diarrhœa* reach 1·0 per 1000. The 71 deaths from *diphtheria* included 31 in London, 8 in Leeds, 6 in Sheffield, 4 in Liverpool, 4 in Hull, 3 in West Ham, 3 in Swansea, and 3 in Leicester. No death from *small-pox* was registered in any of the thirty-three towns.

#### LONDON.

In LONDON† 2686 BIRTHS and 1382 DEATHS were registered. Allowing for increase of population, the births were 93, and the deaths 630, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.



19·1, 18·0, and 17·2 in the preceding three weeks, further fell last week to 15·8. During the four weeks ending on Saturday last the death-rate averaged 17·5 per 1000, being 7·7 per 1000 below the mean rate in the corresponding periods of the ten years 1889–98.

The 1382 deaths included 21 from measles, 12 from scarlet fever, 31 from diphtheria, 36 from whooping-cough, 15 from enteric fever, 8 from diarrhoea and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 123 deaths were referred to these diseases, being 75 below the corrected average weekly number.

The deaths from *measles*, which had been 27, 27, and 30 in the preceding three weeks, fell again last week to 21, and were 27 below the corrected average; 4 cases belonged to St. Pancras sanitary area. The deaths from *scarlet fever*, which had been 11, 8, and 8 in the preceding three weeks, rose again last week to 12, but were 5 below the corrected average. The deaths from *diphtheria*, which had been 30, 34, and 30 in the preceding three weeks, were 31 last week, the corrected average being 40; 3 cases belonged to Bermondsey, and 3 to Lambeth sanitary areas. The deaths from *whooping-cough*, which had been 41, 37, and 40 in the preceding three weeks, fell again last week to 36, and were 32 below the corrected average; 5 cases belonged to St. Pancras, 5 to Newington, 4 to Hackney, and 4 to Chelsea sanitary areas. The fatal cases of *enteric fever*, which had been 17, 10, and 16 in the preceding three weeks, were 15 last week, the corrected average being 10; 2 cases belonged to St. Luke, and 2 to Bethnal Green sanitary areas. The deaths from *diarrhoea*, which had been, 13, 11, and 10 in the preceding three weeks, further fell last week to 8, and were 7 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 365, 363, and 295 in the preceding three weeks, further fell last week to 266, and were 314 below the corrected average. The deaths attributed directly to *influenza* numbered 21, having been 17, 8, and 20 in the preceding three weeks.

Different forms of violence caused 80 deaths, concerning all but 2 of which inquests were held. Of these 80 deaths, 5 were cases of suicide, and 3 of homicide, while the remaining 72 were attributed to accident or negligence. Five of these were referred to vehicles in the streets, 11 to burns and scalds, 6 to drowning, 1 to poisoning by coal gas, and 20 (of infants under one year of age) to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS\*.

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2679 cases of scarlet fever, 1368 of diphtheria, and 249 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 220 cases, against 291, 220, and 249; of diphtheria, 189 cases, against 156, 149, and 178; and of enteric fever, 29 cases, against 36, 35, and 35.

#### GREATER LONDON.

In Greater London 3784 births and 1811 deaths were registered, corresponding to annual rates of 30·2 and 14·5 per 1000 of the estimated population. In the Outer Ring 7 deaths from measles, 2 from scarlet fever, 13 from diphtheria, 15 from whooping-cough, 4 from “fever,” and 5 from diarrhoea were registered. Four deaths from measles, 4 from diphtheria, 5 from whooping-cough, and 3 from “fever” occurred in West Ham district; 3 deaths from diphtheria occurred in Edmonton district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·93 inches, and that of the Thermometer 38·2; the latter being 0·6° below the week's average in the 50 years 1841–90. The direction of the wind was north-easterly, the horizontal movement of the air being 18 per cent. above the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 35·8 hours; the measured rainfall amounted to 0·08 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

The Deaths registered in the Week include

CITIES AND BOROUGHES.	POPULATION estimated to the middle of the year 1895.*	Registered during the Week 25th January 1896.			Deaths of				Deaths from								Deaths in Public Institutions.				Causes of Death.		TEMPERATURE OF THE WEEK.				RAINFALL.		CITIES AND BOROUGHES.										
		BIRTHS.	DEATHS.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	Mean.		In Inches.	In Centi- metres.														
																						1 Year of Age.	Persons aged 60 Years and upwards.			Small-pox.	Measles.	Scarlet Fever.		Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified.	From All Causes.	From Colds, &c.
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.															
33 TOWNS	11,404,408	6762	3716	832	972	-	67	39	71	84	40	28	179	356	860	54	170	15	55.8	19.5	37.3	2.94	0.20	0.51		33 TOWNS.													
LONDON	4,546,752		1382	284	378	-	21	12	31	36	15	8	80	161	463	7	158	14	53.0	29.3	38.2	3.44	0.08	0.20		LONDON.													
WEST HAM	300,241	187	69	20	17	-	4	1	3	1	3	1	-	1	5	3	12.0	2.3	-	-	-	-	-	-		WEST HAM.													
CROYDON	127,759	59	33	6	17	-	-	-	-	3	-	-	-	-	12	-	13.5	1.2	52.0	23.5	37.5	3.06	0.27	0.69		CROYDON.													
BRIGHTON	123,226	65	41	7	16	-	-	-	-	2	-	-	-	-	6	1	17.3	1.3	52.0	31.0	40.6	4.78	0.07	0.18		BRIGHTON.													
PORTSMOUTH	190,741	89	57	13	21	-	1	2	2	1	1	-	2	5	8	-	15.6	1.9	52.0	29.8	38.9	3.83	0.02	0.05		PORTSMOUTH.													
PLYMOUTH	100,637	43	46	15	14	-	-	-	-	-	-	-	-	1	4	3	23.8	-	-	-	-	-	-	-		PLYMOUTH.													
BRISTOL	320,911	155	105	22	27	-	-	-	1	7	-	1	4	12	13	1	17.1	1.5	49.5	23.0	35.9	2.17	0.43	1.09		BRISTOL.													
CARDIFF	185,826	99	46	11	10	-	-	-	1	2	-	1	3	7	8	-	12.9	0.8	-	-	-	-	-	-		CARDIFF.													
SWANSEA	103,722	64	43	9	15	-	-	-	3	5	1	1	3	5	6	-	21.6	2.0	-	-	-	-	-	-		SWANSEA.													
WOLVERHAMPTON	88,621	53	31	7	10	-	-	-	-	1	-	-	2	5	4	-	18.2	0.6	53.8	21.8	37.7	3.17	0.26	0.66		WOLVERHAMPTON.													
BIRMINGHAM	514,956	363	158	43	41	-	3	1	-	4	1	-	11	12	29	4	16.0	0.9	-	-	-	-	-	-		BIRMINGHAM.													
NORWICH	113,266	54	41	9	12	-	2	-	-	2	-	-	-	1	9	-	18.9	1.8	53.2	31.0	40.2	4.56	0.34	0.86		NORWICH.													
LEICESTER	213,851	132	68	20	13	-	-	-	1	3	-	-	4	9	12	3	18.6	1.0	-	-	-	-	-	-		LEICESTER.													
NOTTINGHAM	239,384	116	83	18	22	-	5	3	-	3	1	1	1	4	14	4	18.1	2.8	55.8	23.8	38.2	3.44	0.23	0.58		NOTTINGHAM.													
DERBY	106,401	57	38	5	17	-	-	-	-	-	1	-	1	6	5	-	18.6	0.5	-	-	-	-	-	-		DERBY.													
BIRKENHEAD	115,162	72	40	7	12	-	-	-	1	3	-	1	2	5	7	-	18.1	2.3	-	-	-	-	-	-		BIRKENHEAD.													
LIVERPOOL	634,212	447	283	65	69	-	2	3	4	1	1	3	13	21	73	10	23.3	1.2	48.8	22.7	33.7	0.94	0.11	0.28		LIVERPOOL.													
BOLTON	162,221	100	50	19	11	-	4	-	-	-	1	1	-	5	3	-	19.0	1.6	-	-	-	-	-	-		BOLTON.													
MANCHESTER	543,402	350	193	44	36	-	13	-	1	1	2	5	10	15	45	1	18.5	2.1	-	-	-	-	-	-		MANCHESTER.													
SALFORD	218,144	151	68	20	12	-	3	2	2	1	2	-	2	4	16	1	16.2	0.7	-	-	-	-	-	-		SALFORD.													
OLDHAM	150,772	93	52	9	12	-	-	1	-	-	1	-	1	5	9	-	18.0	0.7	-	-	-	-	-	-		OLDHAM.													
BURNLEY	113,081	58	36	12	8	-	1	-	-	1	-	1	1	2	3	3	16.6	1.4	-	-	-	-	-	-		BURNLEY.													
BLACKBURN	135,154	101	40	14	11	-	-	-	1	-	1	1	1	3	1	1	15.4	1.2	-	-	-	-	-	-		BLACKBURN.													
PRESTON	117,622	73	51	13	13	-	-	-	-	1	-	-	3	4	9	2	22.6	0.4	-	-	-	-	-	-		PRESTON.													
HUDDESFIELD	103,464	41	35	6	12	-	-	-	-	2	-	-	-	-	1	1	17.6	1.0	49.5	19.5	34.0	1.11	0.12	0.30		HUDDESFIELD.													
HALIFAX	97,721	51	27	7	12	-	-	-	-	2	2	1	-	1	2	2	14.4	2.7	-	-	-	-	-	-		HALIFAX.													
BRADFORD	236,241	93	81	11	22	-	1	1	-	1	1	1	5	10	10	1	17.9	1.1	54.2	23.0	36.3	2.39	0.35	0.89		BRADFORD.													
LEEDS	423,889	225	135	23	37	-	1	1	8	-	1	-	8	19	21	1	16.6	1.4	-	-	-	-	-	-		LEEDS.													
SHEFFIELD	361,169	233	127	34	20	-	3	6	1	4	1	1	4	8	24	6	18.3	2.2	-	-	-	-	-	-		SHEFFIELD.													
HULL	234,270	145	75	19	19	-	1	2	4	2	2	-	7	9	13	1	16.7	2.0	52.0	23.0	35.9	2.17	0.12	0.30		HULL.													
SUNDERLAND	145,613	98	62	15	10	-	1	1	-	4	2	-	2	2	10	2	22.2	2.9	-	-	-	-	-	-		SUNDERLAND.													
GATESHEAD	106,552	65	37	12	7	-	1	3	-	1	-	-	2	2	1	2	18.1	2.4	-	-	-	-	-	-		GATESHEAD.													
NEWCASTLE	228,625	144	74	13	19	-	3	1	1	1	1	-	3	3	16	-	16.9	1.6	-	-	-	-	-	-		NEWCASTLE.													

\* See note \* on first page of this return.



TABLE 2. LONDON.—Births and Deaths Registered in the FOURTH Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2599	2510	2794	2643	2758	2689	2612	2452	2715	2639	2778.8	2686
Males - - -	1285	1313	1441	1313	1444	1377	1294	1228	1419	1322	1413.7	1360
Females - -	1314	1197	1353	1330	1314	1312	1318	1224	1296	1317	1365.1	1326
<b>TOTAL Deaths -</b>	1620	2227	1903	3355	1831	1655	1481	1582	1702	1764	2011.7	1382
Males - - -	848	1192	993	1587	939	855	728	808	843	876	1017.3	698
Females - -	772	1035	910	1768	892	800	753	774	859	888	994.4	684

\*The numbers in this column are the average weekly numbers in the fourth week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Nov. 5.	Nov. 12.	Nov. 19.	Nov. 26.	Dec. 3.	Dec. 10.	Dec. 17.	Dec. 24.	Dec. 31.	Jan. 7.	Jan. 14.	Jan. 21.	Jan. 28.
<b>TOTAL Births</b> - -	2530	2696	2585	2155	2575	2577	2519	2422	2215	2893	2435	2311	2686
<b>TOTAL Deaths</b> - - -	1394	1405	1436	1439	1569	1447	1423	1470	1593	1666	1568	1503	1382
<b>Ages at Death</b>													
Under 1 year - -	357	328	310	320	362	289	286	292	339	325	320	289	284
1-5 years - - -	155	158	171	157	203	166	176	189	188	175	177	169	168
5-20 " - - -	73	76	98	95	78	77	88	100	95	78	87	78	87
20-40 " - - -	198	191	197	198	190	196	174	213	188	224	223	220	167
40-60 " - - -	276	293	305	287	297	320	317	292	354	390	331	327	298
60-80 " - - -	258	299	286	302	349	331	303	316	350	396	346	341	305
80 years and upwards	77	60	69	80	90	68	79	68	79	78	84	79	73
<b>Deaths from—</b>													
Small pox - - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles - - -	23	19	19	24	25	22	31	24	31	27	27	30	21
Scarlet Fever - -	13	17	12	7	9	11	6	14	12	11	8	8	12
Diphtheria - - -	28	31	44	38	43	43	40	46	47	30	34	30	31
Whooping-cough -	10	13	14	16	28	22	26	21	32	41	37	40	36
Typhus - - - -	1	-	-	-	-	1	-	-	-	-	-	-	-
Enteric Fever - -	29	27	28	33	21	26	19	21	15	17	10	16	15
Simple Continued Fever	-	-	-	-	-	-	-	-	1	-	-	-	-
Diarrhoea and Dysentery	34	17	16	6	17	19	13	19	14	13	11	10	8
Cholera - - - -	-	-	-	1	-	-	-	-	-	-	-	-	-
<b>All the above Diseases</b>	138	124	133	125	143	144	135	145	152	139	127	134	123
<b>Dis. of Respiratory System—</b>													
Phthisis - - - -	237	248	285	280	340	295	283	284	306	365	363	295	266
Pneumonia - - -	135	155	183	148	161	156	143	156	165	163	179	154	144
<b>Dis. of Circulatory System—</b>													
Violence - - - -	50	71	67	66	76	53	72	73	93	82	77	74	80
<b>Inquest Cases - - -</b>	114	143	137	139	179	131	146	153	209	209	171	142	161
<b>Deaths in Public Institutions—</b>	433	451	468	473	446	474	449	470	488	540	485	474	463
<b>TEMPERATURE OF THE AIR.</b>													
Mean - - - - -	49.8	49.6	48.0	41.7	44.1	49.4	48.0	40.1	43.3	42.0	45.0	47.4	38.2
Mean of Highest readings -	56.5	56.0	52.5	45.2	47.6	52.7	51.9	45.3	48.1	46.9	50.7	51.9	43.2
Mean of Lowest readings -	43.0	44.0	43.1	37.3	39.5	45.1	43.0	34.6	36.8	36.2	39.8	41.9	37.7
<b>Humidity of the Air - -</b>	79	93	89	90	85	83	83	80	84	87	83	84	80
<b>Rain-fall (in inches) - -</b>	0.52	0.02	0.02	1.88	0.26	1.34	0.00	0.02	0.81	0.24	1.03	1.00	0.08
<b>Registered Sunshine (in hours)</b>	28.7	27.2	10.7	7.0	5.6	6.7	0.8	12.9	14.0	5.6	20.3	3.3	35.8
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - - - -	-	-	-	-	-	-	-	-	1	1	1	-	-
Scarlet Fever - - -	3092	3188	3259	3162	3142	3090	3043	2901	2939	2912	2777	2749	2679
Diphtheria - - - -	1241	1251	1251	1250	1274	1314	1310	1261	1248	1256	1257	1304	1368
Enteric Fever - - -	230	242	252	266	286	286	285	266	255	254	250	243	240

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Bobblyer Esq., M.E., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FOURTH Week of the Year 1899.

CAUSES OF DEATH		Corrected Averages for the 4th Week of the 10 years 1889-98.	In the Week ending Saturday, 28th January 1899.								Corrected Averages for the 4th Week of the 10 years 1889-98.	In the Week ending Saturday, 28th January 1899.																	
			Deaths of Persons of the Ages									Deaths of Persons of the Ages																	
			ALL AGES.	Under 20.			30 and under 40.	40 and under 60.	60 and under 80.			ALL AGES.	Under 20.			30 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.										
				0-1.	1-5.	5-20.			0-1.	1-5.			5-20.																
CAUSES	2011.7	1382	284	168	87	167	298	305	73	Diseases of Circulatory System	170.3	121	-	3	10	11	40	48	9	Diseases of Circulatory System	170.3	121	-	3	10	11	40	48	9
all- { Vaccinated } x { Unvaccinated } (No Statement)	-	-	-	-	-	-	-	-	-	Croup	6.0	2	-	2	-	-	-	-	-	Croup	6.0	2	-	2	-	-	-	-	-
les	47.5	21	5	16	-	-	-	-	-	Bronchitis	363.0	143	27	14	-	1	26	62	13	Bronchitis	363.0	143	27	14	-	1	26	62	13
et Fever	16.5	12	-	10	2	-	-	-	-	Pneumonia	158.9	97	34	25	3	5	16	12	2	Pneumonia	158.9	97	34	25	3	5	16	12	2
us	0.1	-	-	-	-	-	-	-	-	Pleurisy	6.9	3	-	-	-	3	-	-	-	Pleurisy	6.9	3	-	-	-	3	-	-	-
oping Fever	75.3	21	-	2	1	6	8	4	-	Other Diseases of Respiratory System	45.0	21	2	3	-	4	5	5	2	Other Diseases of Respiratory System	45.0	21	2	3	-	4	5	5	2
enza	68.0	30	14	21	1	-	-	-	-	Dentition	12.6	6	2	4	-	-	-	-	-	Dentition	12.6	6	2	4	-	-	-	-	-
oping-cough	39.8	31	3	16	12	-	-	-	-	Quinsy, Sore Throat	1.8	1	1	-	-	-	-	-	-	Quinsy, Sore Throat	1.8	1	1	-	-	-	-	-	-
theria	0.6	-	-	-	-	-	-	-	-	Enteritis	12.3	15	8	2	1	-	3	1	-	Enteritis	12.3	15	8	2	1	-	3	1	-
le Continued and defined Fever	10.4	15	-	7	7	1	-	-	-	Peritonitis	5.8	10	-	-	1	3	2	3	1	Peritonitis	5.8	10	-	-	1	3	2	3	1
ria Fever	0.1	-	-	-	-	-	-	-	-	Diseases of Liver	23.6	19	2	1	1	1	7	7	-	Diseases of Liver	23.6	19	2	1	1	1	7	7	-
era and Chol. Diarr.	14.8	8	5	-	-	-	2	1	-	Other Diseases of Digestive System	33.8	33	9	1	4	5	10	2	2	Other Diseases of Digestive System	33.8	33	9	1	4	5	10	2	2
theca, Dysentery	0.2	1	-	-	-	1	-	-	-	Diseases of Lymphatic System & of Ductless Glands	1.7	4	-	-	3	-	1	-	-	Diseases of Lymphatic System & of Ductless Glands	1.7	4	-	-	3	-	1	-	-
tent Fever	-	-	-	-	-	-	-	-	-	Diseases of Urinary System	48.3	53	-	2	1	7	20	22	1	Diseases of Urinary System	48.3	53	-	2	1	7	20	22	1
ophobia	-	-	-	-	-	-	-	-	-	Diseases of Generative System	6.8	3	-	-	1	1	1	-	-	Diseases of Generative System	6.8	3	-	-	1	1	1	-	-
lers	-	-	-	-	-	-	-	-	-	Accidents of Childbirth	5.1	2	-	-	-	2	-	-	-	Accidents of Childbirth	5.1	2	-	-	-	2	-	-	-
ox and Effects of	0.1	-	-	-	-	-	-	-	-	Diseases of Locomotive System	8.2	7	-	-	2	4	-	1	-	Diseases of Locomotive System	8.2	7	-	-	2	4	-	1	-
eration	9.7	6	3	1	-	1	1	-	-	Diseases of Integumentary System	6.3	11	-	1	-	1	4	5	-	Diseases of Integumentary System	6.3	11	-	1	-	1	4	5	-
real Affections	4.2	3	1	-	-	-	-	-	2	VIOLENT DEATHS: (ACCIDENT.)	-	-	-	-	-	-	-	-	-	VIOLENT DEATHS: (ACCIDENT.)	-	-	-	-	-	-	-	-	-
elas	2.0	1	-	-	-	1	-	-	-	By Railways	-	1	-	-	-	1	-	-	-	By Railways	-	1	-	-	-	1	-	-	-
nia and Septicemia	5.4	2	-	-	-	2	-	-	-	By Vehicles or Horses	-	5	-	1	2	2	-	-	-	By Vehicles or Horses	-	5	-	1	2	2	-	-	-
eral Fever	1.8	2	1	1	-	-	-	-	-	In Ships, Boats, Docks, (exclusive of Drowning)	-	-	-	-	-	-	-	-	-	In Ships, Boats, Docks, (exclusive of Drowning)	-	-	-	-	-	-	-	-	-
r Zymotic Diseases	-	-	-	-	-	-	-	-	-	In Building Operations	-	-	-	-	-	-	-	-	-	In Building Operations	-	-	-	-	-	-	-	-	-
sh	0.5	-	-	-	-	-	-	-	-	In Conflagrations	-	-	-	-	-	-	-	-	-	In Conflagrations	-	-	-	-	-	-	-	-	-
as and other Paracal Diseases	-	-	-	-	-	-	-	-	-	By Burns, Scalds, Explosions	56.1	11	-	6	3	-	1	1	-	By Burns, Scalds, Explosions	56.1	11	-	6	3	-	1	1	-
ation, Want of	1.5	1	1	-	-	-	-	-	-	By Drowning	-	6	-	1	1	1	2	1	-	By Drowning	-	6	-	1	1	1	2	1	-
ast-milk	9.0	19	-	-	-	5	8	6	-	By Suffocation in Bed	-	20	20	-	-	-	-	-	-	By Suffocation in Bed	-	20	20	-	-	-	-	-	-
olism	-	-	-	-	-	-	-	-	-	By Poisons or Poisonous Vapours	-	1	-	-	-	1	-	-	-	By Poisons or Poisonous Vapours	-	1	-	-	-	1	-	-	-
matic Fever, { ummatism of Heart } matism	8.4	6	-	-	4	1	1	-	-	Other or not stated causes	-	28	7	2	2	4	6	4	3	Other or not stated causes	-	28	7	2	2	4	6	4	3
ts	2.3	3	-	-	-	1	1	-	1	(VIOLENCE OTHER THAN ACCIDENTAL.)	-	-	-	-	-	-	-	-	(VIOLENCE OTHER THAN ACCIDENTAL.)	-	-	-	-	-	-	-	-	-	
ts	4.2	4	-	-	-	2	2	-	-	Homicide	1.7	3	2	1	-	-	-	-	-	Homicide	1.7	3	2	1	-	-	-	-	-
or	5.3	2	1	1	-	-	-	-	-	Suicide	6.4	5	-	-	-	1	3	1	-	Suicide	6.4	5	-	-	-	1	3	1	-
er	65.3	77	-	-	-	640	30	1	-	Execution	-	-	-	-	-	-	-	-	Execution	-	-	-	-	-	-	-	-	-	
Mesenterica	18.3	14	10	2	-	1	-	-	-	OTHER CAUSES	50.0	44	39	3	-	-	2	-	-	OTHER CAUSES	50.0	44	39	3	-	-	2	-	-
rcular Meningitis	22.3	14	3	9	1	1	-	-	-																				
sis	176.2	144	-	413	63	53	11	-	-																				
ula, Tuberculosis	20.4	10	2	2	3	1	2	-	-																				
Constitutional	14.1	11	-	1	1	2	2	3	2																				
atures Birth	50.7	35	35	-	-	-	-	-	-																				
etasis	3.8	6	6	-	-	-	-	-	-																				
enital Malforma-	5.9	12	12	-	-	-	-	-	-																				
s	64.5	44	-	-	-	-	19	25	-																				
ge	-	-	-	-	-	-	-	-	-																				
exy	47.6	39	-	-	-	110	23	5	-																				
psy	9.2	9	-	1	3	3	2	-	-																				
ilsons	41.7	22	21	1	-	-	-	-	-																				
Diseases of Brain	101.8	71	8	4	4	9	16	27	3																				
Nervous System	-	-	-	-	-	-	-	-	-																				
es of Organs of	2.6	5	-	4	-	1	-	-	-																				
cial Sense	-	-	-	-	-	-	-	-	-																				

The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder manslaughter or suicide. All such cases are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHOEA, VIOLENCE, &amp;c., registered in each SUB-DISTRICT during the Week ending Saturday, 28th January, 1899.

The DEATHS registered during the Week include																		
REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of			Deaths from											Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.		Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.	
LONDON - - -	4,411,710	2886	1382	284	378	-	21	12	31	36	-	15	-	8	80	161	463	
WEST DISTRICTS.																		
St. Mary Paddington } G. & W.	90,996	51	33	9	8	-	-	-	-	3	-	-	-	-	1	3	5	
WHH } - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. John Paddington H - - G.	33,510	4	12	-	5	-	-	-	-	-	-	-	-	-	2	2	6	
Kensington Town Ww - - W.	122,164	63	45	10	16	-	-	-	-	1	-	-	-	-	1	3	18	
Brompton HH- - - W & C.	48,301	8	11	-	5	-	-	-	-	-	-	-	-	-	-	-	2	
St. Peter Hammersmith - - W.	9,097	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith HHW & G.	25,102	56	26	8	5	-	-	-	-	1	-	-	1	-	6	8	6	
Fulham Ww - - - W. & C.	113,781	93	43	15	7	-	-	-	3	4	2	-	-	-	1	2	16	
Chelsea Kensal Town - - C.	21,450	12	5	2	1	-	-	-	-	-	-	-	-	-	1	2	-	
Chelsea North WHHHHH - C.	42,057	29	19	-	6	-	-	-	-	1	-	-	-	-	2	4	10	
Chelsea South HE - - C.	33,139	22	11	6	2	-	-	-	-	3	-	-	-	-	1	1	-	
May Fair W - - - G.	23,827	6	8	-	3	-	-	-	-	-	-	-	-	-	-	-	5	
Belgrave WHHH - - - C.	56,140	16	23	2	6	-	-	-	1	-	-	-	-	-	3	6	10	
St. John Westminster HH - C.	31,492	17	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. Margaret Westminster H- C.	22,097	5	9	1	3	-	-	-	-	-	-	1	-	-	1	2	6	
St. James Westminster } N. & G.	23,050	10	4	-	2	-	-	-	-	-	-	1	-	-	-	1	1	
WHH } - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Anne Soho HHHHHH - N.	12,048	4	3	-	1	-	-	-	-	-	-	-	-	-	1	1	-	
NORTH DISTRICTS.																		
All Souls Marylebone } - - W.	36,595	8	12	1	4	-	1	-	-	-	-	-	-	-	-	-	5	
HHHHHHHH } - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rectory Marylebone W } G. & W.	19,798	7	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary Marylebone } G. & W.	19,637	26	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
HHHH } - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Christchurch Marylebone H - W	32,547	10	3	2	1	-	-	-	-	-	-	-	-	-	1	1	-	
St. John Marylebone HHH W.	32,611	14	7	1	3	-	-	-	-	-	-	-	-	-	-	-	-	
Hampstead } - N. & W.	75,449	37	31	7	5	-	-	2	5	-	-	2	-	-	1	1	14	
WwHHHH } - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Regent's Park Pancras HH - W.	37,341	15	9	2	3	-	1	-	-	2	-	-	-	-	-	1	-	
Tottenham-court } - N. & W.	26,757	10	12	2	2	-	-	-	-	1	-	-	-	-	3	3	8	
WHHH } - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gray's Inn Lane HHH - - N.	29,426	14	11	2	1	-	-	-	1	1	-	-	-	-	1	1	5	
Somers Town HH - - N.	32,161	23	14	2	4	-	-	-	-	1	-	-	-	-	-	-	3	
Camden Town WH - - N.	16,669	7	3	-	2	-	-	-	-	-	-	-	-	-	1	1	3	
Kentish Town WW - - N.	98,410	62	28	8	6	-	3	-	-	-	-	-	-	1	3	8	5	
Upper Holloway } - - N.	98,273	55	48	5	13	-	3	-	-	-	-	-	-	-	1	2	29	
WWWwHH } - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Islington South-west H - - N.	107,365	56	11	3	3	-	-	-	1	1	-	-	-	-	-	2	1	
Islington South-east - - N.	66,549	46	15	3	4	-	-	-	-	-	-	1	-	-	-	2	-	
Highbury HH - - N.	64,577	37	15	4	3	-	-	-	-	-	-	-	-	-	1	1	-	
Stoke Newington H - - N.	33,485	18	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
North Hackney - - E. & N.	-	26	8	1	3	-	-	-	-	-	-	-	-	-	-	-	-	
Central Hackney ww - - E. & N.	-	30	15	2	4	-	-	-	3	2	-	-	-	-	1	2	3	
South-west Hackney HHH E. & N.	213,044	41	21	4	5	-	1	-	-	-	-	-	-	1	2	5	9	
South-east Hackney WwH E. & N.	-	37	32	5	11	-	-	-	-	2	-	1	-	-	1	3	16	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there-  
 namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers  
 received; w—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The  
 R man capitals signify the Water Companies which supply the different Sub-districts; G. signifies Grand Junction  
 Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. E.  
 London; and K. the Kent Company.

See note on first page of this Return

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 28th January, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation. 1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include															Deaths in Public Institution- Unidentified Persons.	of
				Deaths of	Deaths from															
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence	Largest Cases.			
CENTRAL DISTRICTS.																				
St. George Bloomsbury - - N.	16,110	5	3	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-		
St. Giles South WH - - N.	12,976	5	6	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Giles North H - - N.	9,151	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Martin-in-the-Fields HHN. & C.	13,077	3	5	1	1	-	-	-	-	-	-	-	-	-	1	-	1	2		
Strand WHH - - N.	11,839	3	4	-	1	-	-	-	-	-	-	-	-	-	-	-	4	-		
Strand Union Workhouse, Edmonton	†1,037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Colborn WHHHHHH - - N.	31,042	8	10	3	2	-	-	-	-	-	-	-	-	-	-	-	1	3		
St. James Clerkenwell - - N.	15,777	7	3	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
St. Martin's Clerkenwell - - N.	34,356	21	5	-	1	-	-	-	-	-	-	-	-	-	-	1	2	-		
St. Martin's Street - - N.	16,069	7	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Martin's Lane - - N.	29,597	29	14	4	3	-	-	-	-	-	-	-	1	-	-	-	2	-		
Whitecross-street - - N.	7,595	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Martin's Lane - - N.	4,035	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Colborn Union Workhouse, } Mitcham - - - - -	†892	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-		
St. Botolph H - - N. & E.	6,870	2	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph's Priory - - N.	3,299	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre WH - - N.	9,591	5	15	1	-	-	-	-	-	1	-	-	2	-	-	-	14	-		
St. Sepulchre Barking - - N.	9,059	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre Barking - - N.	2,892	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
City of London Asylum, Stone - -	†888	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
EAST DISTRICTS.																				
Shoreditch South HI - - E. & N.	17,975	10	6	3	2	-	-	-	-	-	-	-	-	-	1	1	-	-		
Shoreditch New Town w - - N.	29,575	18	11	2	5	-	-	-	-	-	1	-	-	-	2	2	4	-		
Shoreditch Old Town - - N.	27,645	13	12	1	3	-	1	-	-	-	-	-	-	-	2	2	3	-		
Shoreditch WH - - N. & E.	47,163	27	1	3	4	-	-	-	-	-	-	-	-	-	-	-	10	-		
St. Ethel Green North H - - E.	49,301	47	14	8	4	-	1	-	-	-	-	-	-	-	2	4	2	1		
St. Ethel Green South - - E.	34,194	35	7	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
St. Ethel Green East WHI - - E.	45,667	33	16	2	5	-	1	-	-	-	-	-	1	-	2	1	10	-		
St. Paul's Fields - - E. & N.	26,681	17	9	3	1	-	-	-	-	-	-	-	-	-	2	2	-	-		
Mile End New Town* WH - - E.	51,995	25	36	4	3	-	-	-	-	-	2	-	2	-	2	2	29	-		
Goodman's Fields* - - E.		18	6	2	-	-	-	-	-	-	-	-	1	-	2	2	-	-		
St. George's North - - E.	39,576	39	13	6	3	-	-	-	-	-	-	-	-	-	-	2	-	-		
St. John, St. George East W E.	7,930	7	5	1	2	-	-	-	-	-	-	-	-	-	-	1	4	-		
St. Paul's Fields - - E. & N.	10,434	11	5	3	-	-	-	-	-	-	-	-	-	-	-	-	3	-		
St. Paul's Fields - - E.	14,954	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Paul's Fields - - E.	32,917	28	6	3	1	-	-	-	-	-	1	-	-	-	1	2	-	-		
St. Paul's Fields - - E. & N.	111,060	{ 58 35 }	{ 9 11 }	{ 5 1 }	{ 2 3 }	{ - - }	{ - - }	{ - - }	{ - - }	{ - - }	{ - - }	{ - - }	{ - 1 }	{ 2 1 }	{ - 5 }	{ - - }	{ - - }	{ - - }		
Mile End Old Town West H E.																				
Mile End Old Town East W E.																				
St. Paul's Fields - - E.	41,687	34	13	5	2	-	-	-	-	-	-	-	-	-	2	6	-	-		
St. Paul's Fields - - E.	69,821	63	27	10	4	-	-	-	-	1	-	-	-	-	5	6	10	-		
St. Paul's Fields - - E.	57,759	45	16	4	2	-	-	-	-	-	-	-	-	-	5	9	1	-		

† Population in 1891, not included in the total population of the Central Districts or of London.

\* Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.



TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 28th January, 1899.—*continued.*

		The DEATHS registered during the Week include																
REGISTRATION SUB-DISTRICTS		Enu- merated Popu- lation, 1896.	Total Births.	Total Deaths.	Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or typhoid) Fever.	Simple Continued Fever.	Diarrhea.	Violence.		
SOUTH DISTRICTS.																		
Christchurch Southwark	WHL & S.	13,064	6	5	1	2	-	-	-	-	-	-	-	-	-	-	1	
St. Saviour Southwark	- S.	12,301	5	3	2	-	-	-	-	-	-	-	-	-	-	1	1	
Kent-road	- S. & L.	22,879	14	8	1	-	-	1	-	-	-	-	-	-	-	1	2	
Borough-road	WH - S. & L.	16,083	8	8	4	-	-	-	-	-	-	-	-	-	-	1	1	
London-road	HL - L. & S.	21,316	14	3	3	-	-	-	-	-	-	-	-	-	-	1	1	
Trinity Newington	- S. & L.	28,723	21	6	3	1	-	-	-	-	-	-	-	-	-	1	1	
St. Peter Walworth	W - S. & L.	62,045	38	21	8	3	-	1	-	-	-	-	-	-	-	-	-	
St. Mary Newington	- L. & S.	30,171	17	10	1	1	-	-	-	4	1	-	-	-	-	2	-	
St. Olave	WH - - S.	11,731	5	9	-	1	-	-	-	1	-	-	-	-	-	1	2	
Bermondsey	W - - S.	85,475	66	25	9	7	-	1	-	2	-	-	-	-	-	1	3	
Rotterhithe	WvH - S. & K.	40,379	22	17	3	5	-	-	-	-	-	-	-	-	2	3	6	
Waterloo-road	HH - L. & S.	28,396	24	5	1	-	-	-	-	-	-	-	-	-	-	1	2	
Lambeth Church 1st	H - L. & S.	18,770	14	12	1	4	-	-	-	1	-	-	-	-	2	1	9	
Lambeth Church 2nd	WV - L. & S.	40,994	28	19	4	7	-	-	-	-	-	-	-	-	1	3	11	
Kennington 1st	H - S. & L.	52,486	47	15	3	9	-	-	-	-	-	-	-	-	1	1	-	
Kennington 2nd	- S. & L.	43,244	19	10	-	5	-	-	-	1	-	-	-	-	-	-	-	
Brixton	w - L. & S.	81,825	54	27	6	7	-	-	1	3	-	-	-	-	-	-	2	
Norwood	WH - - L.	29,318	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
East Battersea	- - S.	71,730	51	11	5	3	-	-	-	-	-	-	-	-	-	3	-	
West Battersea	WvH - - S.	93,385	42	29	3	10	-	2	-	-	-	-	-	-	1	1	12	
Clapham	H - - S.	46,953	27	9	3	3	-	-	-	-	1	-	-	-	-	-	-	
Wandsworth	WHHL - S.	58,101	43	9	2	3	-	-	-	1	-	-	-	-	-	1	-	
Putney	- - S.	20,566	14	3	-	2	-	-	-	-	-	-	-	-	-	1	-	
Streatham	WvWvL - L.	61,644	31	17	1	8	-	-	-	-	1	-	-	-	-	-	1	
Bulwich	- - L. & S.	7,519	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Camberwell	WvLL - S. & L.	90,286	50	54	4	24	-	1	-	-	-	-	-	-	-	1	2	
Peckham	WW - S., L., & K.	88,242	59	20	4	6	-	-	-	1	3	-	-	-	-	-	-	
St. George Camberwell	- L. & S.	67,029	37	8	2	1	-	1	-	-	-	-	-	-	-	1	-	
Deptford North	- - K.	36,152	29	4	2	-	-	-	-	-	-	-	-	-	-	-	-	
Deptford Central	w - K.	45,441	34	9	2	2	-	-	-	1	-	-	-	-	-	1	1	
Deptford South	- - K.	33,402	15	7	3	1	-	-	-	-	-	-	-	-	-	1	-	
Greenwich West	H - K.	25,012	16	3	1	1	-	-	-	-	-	-	-	-	-	1	-	
Greenwich East	WH - K.	37,767	33	24	6	9	-	-	-	-	-	-	-	-	-	1	1	
Eltham	wH - - K.	5,911	2	1	1	1	-	-	-	-	-	-	-	-	-	-	-	
Lee	H - - K.	24,222	9	4	1	-	-	-	-	-	-	-	-	-	-	-	-	
Lewisham	WvH - - K.	38,139	29	12	2	4	-	1	-	-	-	-	-	-	-	-	-	
Sydenham	H - - L.	37,601	22	8	2	3	-	-	-	-	-	-	-	-	-	-	-	
Charlton	wHH - - K.	15,928	9	7	1	1	-	-	-	4	-	-	-	-	-	-	-	
Woolwich Dockyard	- - K.	19,355	10	3	1	1	-	-	-	-	-	-	-	-	-	-	-	
Woolwich Arsenal	HHHH - K.	21,959	21	3	1	2	-	-	-	-	-	-	-	-	-	2	-	
Plumstead West	H - K.	16,714	3	3	-	2	-	-	-	-	-	-	-	-	-	-	-	
Plumstead East	WH - K.	42,538	29	8	2	-	-	-	-	-	-	-	-	-	1	2	2	
Banstead Asylum	- - -	-	-	3	-	2	-	-	-	-	-	-	-	-	-	-	3	
Caterham Asylum	- - -	-	-	10	-	8	-	-	-	-	-	-	-	-	-	-	10	
Cane Hill Asylum	- - -	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1	
Hospital Ships and Camp, Dartford	- - -	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	4	
Darenth Asylum	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
London County Asylum, Dartford	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Heath	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Haswell Asylum	- - -	-	-	2	-	3	-	-	-	-	-	-	-	-	-	-	3	
Colney Hatch Asylum	- - -	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	3	
N.E. Hospital	- - -	-	-	2	-	1	-	-	-	1	-	-	-	-	-	-	3	
Winchmore Hill Hospital	- - -	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2	
Leavesden Asylum	- - -	-	-	1	-	6	-	-	-	2	-	-	-	-	-	-	7	
Claybury Asylum	- - -	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	4	

TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 28th January, 1899.

					The DEATHS registered in the Week include															
REGISTRATION SUB-DISTRICTS.		Area in Acres.	Enu-merated Popu-lation, 1891.	BIRTHS.	DEATHS.	Deaths of		Deaths from												
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.		
LONDON—OUTER RING		368,749	1,422,063	1098	429	95	141	-	7	2	13	15	4	5	12	25	57	6		
1	Carshalton <i>WHH</i>	12,228	26,108	17	6	1	2	-	-	-	-	-	-	-	-	1	-	-		
2	Epsom, <i>part of</i> * <i>WwHH</i>	10,423	12,508	8	4	2	-	-	-	-	-	-	-	-	-	-	-	-		
1	Godstone, <i>part of</i> * <i>W</i>	2,754	1,598	4	4	2	2	-	-	-	-	-	-	-	-	-	-	-		
1	Croydon <i>WwHHH</i>	20,851	128,699	71	42	8	21	-	-	-	-	3	-	1	-	2	15	-		
2	Mitcham <i>w</i>	11,697	23,072	18	4	-	2	-	-	-	-	-	-	-	-	-	-	-		
1	Wimbledon <i>HHH</i>	3,220	25,777	16	14	6	3	-	-	-	-	3	-	-	-	-	-	-		
2	Kingston <i>W</i>	-	33,566	26	9	2	4	-	-	-	-	-	-	-	1	1	3	-		
3	Surbiton <i>H</i>	14,672	12,178	4	5	1	3	-	-	-	-	-	-	-	-	-	2	-		
4	Esher, <i>part of</i> * <i>HH</i>	-	11,080	7	3	1	1	-	-	-	-	-	-	-	-	-	-	-		
5	Hampton <i>HL</i>	4,565	18,252	12	3	1	1	-	-	-	-	-	-	-	-	-	-	-		
1	Richmond <i>WH</i>	2,160	25,389	11	6	-	1	-	-	-	-	-	-	-	-	-	2	-		
2	Mortlake <i>H</i>	2,823	16,159	10	5	1	1	-	-	-	-	-	-	-	1	1	-	-		
1	Bromley <i>HHH</i>	9,127	23,815	18	8	1	2	-	1	1	1	-	-	-	-	-	3	-		
2	Beckenham <i>H</i>	6,542	21,969	12	5	2	-	-	-	-	-	1	-	1	-	1	1	-		
3	Chislehurst, <i>part of</i> * <i>WHH</i>	14,307	20,372	14	5	3	2	-	-	-	-	-	-	-	-	-	1	1		
1	Bexley <i>HHH</i>	12,540	30,590	29	6	1	2	-	-	-	2	-	-	-	-	-	-	-		
2	Dartford <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1	Sunbury <i>w</i>	11,054	13,671	9	2	1	1	-	-	-	-	-	-	-	-	-	-	-		
2	Staines <i>WH</i>	13,277	13,221	11	8	-	4	-	-	-	-	-	-	-	-	-	1	-		
1	Hillingdon <i>WHH</i>	6,035	12,237	5	2	-	1	-	-	-	-	-	-	-	-	-	1	-		
2	Uxbridge <i>-</i>	12,757	7,253	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
3	Hayes <i>WH</i>	7,952	11,051	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1	Isleworth <i>WHH</i>	6,967	26,004	20	8	-	5	-	-	-	-	-	-	-	1	2	2	-		
2	Twickenham <i>HH</i>	2,415	16,027	11	3	2	-	-	-	-	-	-	-	-	-	-	-	-		
3	Brentford <i>HHHH</i>	4,318	37,777	21	9	1	3	-	-	-	1	-	-	-	-	1	1	1		
4	Chiswick <i>-</i>	1,245	21,963	14	4	-	2	-	-	-	-	-	-	-	-	-	-	-		
5	Acton <i>WHH</i>	6,132	30,945	22	11	1	4	-	-	-	-	-	-	-	1	-	-	1		
1	Harrow <i>HHH</i>	13,809	15,715	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
2	Edgware <i>HH</i>	6,994	3,844	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Willesden <i>HHH</i>	4,383	61,265	57	21	5	8	-	-	-	1	-	-	-	-	-	1	-		
4	Hendon <i>WH</i>	8,382	15,843	11	3	1	2	-	-	-	-	-	-	-	-	1	2	-		
1	South Mimms <i>HH</i>	-	6,367	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Barnet <i>WHH</i>	21,077	14,152	7	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
3	Finchley <i>HHH</i>	4,688	25,820	13	4	-	1	-	-	-	1	-	-	-	-	-	-	-		
1	Hornsey <i>HH</i>	3,039	61,097	39	16	2	5	-	-	-	-	-	-	-	1	1	1	-		
2	Tottenham <i>HH</i>	4,642	97,174	72	26	7	5	-	-	-	3	1	-	1	-	1	-	-		
3	Edmonton <i>WwW</i>	7,489	36,351	42	18	1	6	-	2	-	-	-	-	-	-	3	7	-		
4	Enfield <i>WwHH</i>	12,602	31,536	22	15	2	4	-	-	-	-	-	-	-	2	2	3	-		
5	Waltham Abbey	11,017	6,066	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt <i>H</i>	8,480	9,620	6	4	-	1	-	-	-	-	1	-	-	-	-	-	-		
1	Hatfield, <i>part of</i> * <i>W</i>	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1*	Bushey <i>H</i>	9,331	7,737	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
2	Watford <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1	Stratford <i>H</i>	-	38,612	43	15	4	5	-	2	-	-	-	2	1	-	1	1	-		
2	Plaistow <i>WHHH</i>	-	53,030	62	23	9	4	-	2	1	3	-	-	-	-	-	2	1		
3	Canning Town <i>H</i>	-	54,750	57	15	7	3	-	-	-	-	-	1	-	4	4	1	-		
4	Forest Gate <i>w</i>	-	53,511	25	15	-	4	-	-	-	-	-	-	-	-	-	-	2		
5	East Ham <i>WHH</i>	3,266	32,713	52	17	3	2	-	-	-	-	1	-	-	-	2	-	-		
6	Leyton <i>WwWwH</i>	4,334	70,188	61	22	5	8	-	-	-	1	3	-	1	-	-	3	-		
7	Walthamstow <i>HHL</i>	6,501	57,330	63	15	4	9	-	-	-	-	1	-	-	1	1	-	-		
1	Chigwell, <i>part of</i> * <i>HHHH</i>	11,779	12,941	8	6	4	1	-	-	-	-	-	-	-	-	-	1	-		
2	Epping <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1	Romford, <i>part of</i> * <i>WH</i>	6,556	4,324	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
2	Ilford <i>-</i>	8,493	10,913	17	4	1	2	-	-	-	-	-	-	-	-	-	-	-		
3	Barking Town, <i>H</i>	3,814	14,301	20	3	-	-	-	-	-	-	1	1	-	-	-	1	-		
Middlesex Co. Lunatic Asy., Wandsworth.		-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-		
City of London Asy., Stone		-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1		
London Co. Lunatic Asy., Hanwell.		-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1		

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Waringham Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in field sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for notifiable Diseases belonging to the Outer Ring.



TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 28th January, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include															Deaths in Public Houses.	
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from														
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.							
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10	11.	12.	13.	14.	15.	16.						
GREATER LONDON	443,421	6,528,434	14.5	1.3	1811	379	519	-	28	14	44	51	19	13	92	52						
INNER LONDON -	74,672	4,546,752	15.8	1.4	1382	284	378	-	21	12	31	36	15	8	80	46						
OUTER RING -	368,749	1,981,682	11.3	1.2	429	95	141	-	7	2	13	15	4	5	12	5						

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMO- TIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria	Whooping- cough.	Fever.	Diarrhoeal Diseases.	
EDINBURGH -	298,927	January 28	162	116	29.2	-	4	3	1	9	2	-	
GLASGOW -	733,903	" 28	410	330	23.4	-	7	7	4	12	1	-	
DUBLIN -	349,594	" 28	183	167	24.9	-	-	1	-	5	5	-	
CALCUTTA -	466,460	December 10	-	267	29.8	1	-	-	2	-	102	30	
BOMBAY -	821,764	January 10	-	-	-	-	-	-	-	-	-	-	
MADRAS -	452,518	December 16	-	-	-	-	-	-	-	-	-	-	
PARIS -	2,511,629	January 21	1174	834	13.3	-	6	3	5*	8	9	39	
BRUSSELS -	551,011	" 21	275	214	20.2	-	17	-	2*	-	2	20	
AMSTERDAM -	512,758	" 14	295	164	16.7	-	1	-	5	5	1	-	
ROTTERDAM -	306,439	" 14	224	96	16.2	-	1	-	2	3	-	-	
THE HAGUE -	196,325	" 14	118	64	17.0	-	2	-	1	3	-	-	
COPENHAGEN -	345,000	" 21	181	124	18.8	-	6	3	3	4	1	4	
STOCKHOLM -	283,550	" 14	136	108	19.8	-	2	-	12*	-	1	4	
CHRISTIANIA -	293,337	" 21	134	79	20.2	-	-	-	2	1	-	1	
ST. PETERSBURG	1,132,677	" 14	475	684	31.5	-	6	12	27	6	18	73	
MOSCOW -	988,610	" 14	-	593	31.3	7	14	7	14	1	8	15	
BERLIN -	1,805,054	" 7	983	593	17.1	-	9	8	18	7	2	23	
HAMBURG -	675,351	" 21	-	205	15.8	-	-	-	4*	2	-	4	
DRESDEN -	388,300	December 17	-	109	14.6	-	1	1	2*	1	1	5	
BRESLAU -	392,795	January 21	-	188	25.0	-	-	3	3	1	-	28	
MUNICH -	445,000	" 21	-	180	21.0	-	-	1	2*	3	-	15	
VIENNA -	1,606,629	" 21	900	647	20.9	-	11	8	9*	8	-	44	
PRAGUE -	380,497	" 14	228	189	25.8	-	9	2	3	-	1	3	
BUDA-PESTH -	666,722	" 14	443	335	15.9	-	5	4	4	-	3	18	
TRIESTE -	165,913	" 14	97	99	31.0	-	-	5	4*	-	1	1	
ROME -	499,540	December 31	216	239	25.0	-	-	-	6	3	5*	12	
TURIN (11 days)	344,203	" 31	211	216	20.8	-	-	-	3	4	3	10	
VENICE -	169,883	January 14	84	95	29.2	-	2	-	6*	-	1	4	
CAIRO -	570,062	August 26	-	-	-	-	-	-	-	-	-	-	
ALEXANDRIA -	319,766	" 26	-	-	-	-	-	-	-	-	-	-	
NEW YORK (including BROOKLYN)	3,438,899	January 7	-	-	-	-	-	-	-	-	-	-	
PHILADELPHIA -	1,266,832	" 7	-	713	24.3	-	-	5	27	1	24	9	

\* Including deaths from croup.

† Including 2 deaths from cholera.

‡ Malarial fever.

1899.

1899.		TEMPERATURE.			Of the Air.			Of the Dew point.			Difference between the Air Temperature and Dew Point Temperature.			Of Radiation.			Of the Earth 3 feet below the Surface.			General Direction.			Oster's.			Pressure on the Square Foot.			Robinson's.			Rain collected in a Gauge whose receiving surface is 5 inches square at the top of Ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
MONTH AND DAY	Phases of the Moon.	HABIT.	Mean daily reading of the thermometer reduced to 32° Fahrenheit.	High-est.	Low-est.	Daily Range.	Mean from the value.	De- parture from 50 years.	Mean daily value.	Great- est.	Least.	Mean daily value.	Great- est.	Least.	Hight in Sun's Rays.	Lowest on Grass.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

ELECTRICITY.		REGISTERED.		SUN ABOVE HORIZON.		GENERAL REMARKS.	
DATE.	(For explanation of symbols, see Note.)	Sunshine in hours.	Registered in hours.	Sun above horizon in hours.	Horizon in hours.	GENERAL REMARKS.	GENERAL REMARKS.
JANUARY.							
SUNDAY - 22	w. P. throughout -	44	86	86	86	Partially cloudy in morning; very fine afterwards; cloudless at night. Strong gusty wind prevalent throughout the day.	The results apply to the civil day, or from midnight to midnight. The height of the column of the barometer is 139 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.
MONDAY - 23	w. P. till 7h. A.M.; v. N. till noon; w. P. till 3h. P.M.; m. P. afterwards.	00	86	86	86	Fine with gusty wind in early morning; generally overcast afterwards. Rain in forenoon.	Observations are usually taken at 9h. A.M., noon, 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.
TUESDAY - 24	m. P. till 9h. A.M.; s. P. afterwards.	36	87	87	87	Generally cloudless; a very fine day. Hoar frost in morning and at night.	The age temperature of the air is derived from a discussion of the observations made at Greenwich during the 50 years ending 1880, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.
WEDNESDAY 25	s. P. generally -	72	87	87	87	Very fine with small amounts of cloud; cloudless after 3h. P.M. Hoar frost in morning and at night.	In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average.
THURSDAY - 26	s. P. till 11h. A.M.; m. P. afterwards.	70	88	88	88	Very fine with small amounts of cloud; cloudless after 3h. P.M. Hoar frost in morning and at night.	The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.
FRIDAY - 27	m. P. till 8h. A.M.; s. P. afterwards	71	88	88	88	Generally cloudless; very fine. Hoar frost in morning and at night.	The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: - P. positive; N. negative; W. weak; M. moderate; S. strong; and V. variable.
SATURDAY - 28	s. P. till noon; m. P. afterwards.	65	89	89	89	Very fine till evening; overcast afterwards. Hoar frost in morning.	The numbers in the duration of bright sunshine on each day show the aggregate duration of bright sunshine on each day.
No. of Obs. -	27	28	29	30	31	Sum 358	The reading of the barometer increased from 29.18 in. at the beginning of the week to 30.49 in. by 9h. P.M. on the 25th; and decreased to 29.98 in. by the end of the week.



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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

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General Register Office, Somerset House,  
February 6th, 1899.

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 19·5 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Jan. 14.	Jan. 21.	Jan. 28.	Feb. 4.		Jan. 14.	Jan. 21.	Jan. 28.	Feb. 4.
33 Great Towns	18·3	18·2	17·0	19·5	Leicester	-	-	12·9	14·4
Birkenhead	-	19·0	16·8	18·1	22·6	Liverpool	-	-	22·8
Birmingham	-	16·8	18·1	16·0	22·2	London	-	-	18·0
Blackburn	-	18·9	20·4	15·4	15·8	Manchester	-	-	22·4
Bolton	-	18·0	21·2	19·0	19·6	Newcastle-on-Tyne	-	-	16·2
Bradford	-	20·1	19·4	17·9	16·6	Norwich	-	-	16·6
Brighton	-	11·0	17·8	17·3	13·1	Nottingham	-	-	21·1
Bristol	-	20·6	18·2	17·1	15·8	Oldham	-	-	23·2
Burnley	-	14·3	13·8	16·6	18·0	Plymouth	-	-	19·2
Cardiff	-	12·6	15·7	12·9	15·7	Portsmouth	-	-	17·8
Croydon	-	13·1	15·1	13·5	11·0	Preston	-	-	18·2
Derby	-	11·8	13·7	18·6	18·6	Salford	-	-	18·2
Gateshead	-	22·5	23·0	18·1	24·5	Sheffield	-	-	17·8
Halifax	-	13·9	22·4	14·4	22·4	Sunderland	-	-	24·0
Huddersfield	-	21·2	17·1	17·6	13·1	Swansea	-	-	17·1
Hull	-	12·9	20·7	16·7	14·5	West Ham	-	-	14·9
Leeds	-	21·3	16·6	16·6	18·8	Wolverhampton	-	-	17·0

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·2 in Manchester, 1·4 in Oldham, and 1·9 in Bolton; and from *whooping-cough*, 1·0 in Gateshead, 1·1 in Nottingham and in Halifax, 1·3 in Bristol, 1·5 in Swansea, and 2·2 in Preston. In none of the thirty-three towns did the death-rate from *scarlet fever*, from "*fever*," or from *diarrhœa* reach 1·0 per 1000. The 87 deaths from *diphtheria* included 32 in London, 9 in Leeds, 8 in Sheffield, 6 in West Ham, 5 in Birmingham, 5 in Leicester, 5 in Liverpool, and 3 in Portsmouth. No death from *small-pox* was registered in any of the thirty-three towns.

#### LONDON.

In LONDON† 2696 BIRTHS and 1690 DEATHS were registered. Allowing for increase of population, the births were 131, and the deaths 161, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.



18.0, 17.2, and 15.8 in the preceding three weeks, rose again last week to 19.4. During the four weeks ending on Saturday last the death-rate averaged 17.6 per 1000, being 6.7 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1690 deaths included 22 from measles, 8 from scarlet fever, 32 from diphtheria, 50 from whooping-cough, 1 from typhus, 10 from enteric fever, 10 from diarrhoea and dysentery, and not one death from small-pox, from any ill-defined form of continued fever, or from cholera; thus, 133 deaths were referred to these diseases, being 52 below the corrected average weekly number.

The deaths from *measles*, which had been 27, 30, and 21 in the preceding three weeks, were 22 last week, the corrected average being 34; 5 cases belonged to St. Pancras and 3 to Islington sanitary areas. The deaths from *scarlet fever*, which had been 8, 8, and 12 in the preceding three weeks, fell again last week to 8, and were 10 below the corrected average. The deaths from *diphtheria*, which had been 34, 30, and 31 in the preceding three weeks, were 32 last week, the corrected average being 46; 5 cases belonged to Newington, 4 to Lambeth, 3 to Camberwell, 3 to Greenwich, and 3 to Fulham sanitary areas. The deaths from *whooping-cough*, which had been 37, 40, and 36 in the preceding three weeks, rose again last week to 50, but were 12 below the corrected average; 9 cases belonged to Newington, 8 to Camberwell, and 5 to Chelsea sanitary areas. The fatal cases of *enteric fever*, which had been 10, 16, and 15 in the preceding three weeks, further fell last week to 10, and were equal to the corrected average; 2 cases belonged to St. Pancras, and 2 to Greenwich sanitary areas. The death from *typhus* was that of a man aged 24 years, who had been removed from Paradise Street, Rotherhithe, to St. Olave Union Infirmary. The deaths from *diarrhoea*, which had been 11, 10, and 8 in the preceding three weeks, rose again last week to 10, but were 4 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 363, 295, and 266 in the preceding three weeks, rose again last week to 348, but were 136 below the corrected average. The deaths attributed directly to *influenza* numbered 22, having been 8, 20 and 21 in the preceding three weeks.

Different forms of violence caused 74 deaths, concerning all but 2 of which inquests were held. Of these 74 deaths, 8 were cases of suicide, and 1 of homicide, while the remaining 65 were attributed to accident or negligence. Ten of these were referred to vehicles in the streets, 10 to burns and scalds, 5 to drowning, 1 to the effects of ether administered for surgical purposes, and 18 (including 17 of infants under one year of age) to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS\*.

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2665 cases of scarlet fever, 1377 of diphtheria, and 229 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 265 cases, against 220, 249, and 220; of diphtheria, 184 cases, against 149, 178, and 189; and of enteric fever, 13 cases, against 35, 35, and 29.

#### GREATER LONDON.

In Greater London 3781 births and 2165 deaths were registered, corresponding to annual rates of 30.2 and 17.3 per 1000 of the estimated population. In the Outer Ring 6 deaths from measles, 2 from scarlet fever, 14 from diphtheria, 14 from whooping-cough, 4 from "fever," and 1 from diarrhoea were registered. Four deaths from measles, 8 from diphtheria, and 3 from "fever" occurred in West Ham district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29.59 inches, and that of the Thermometer 35.25; the latter being 4.3° below the week's average in the 50 years 1841-90. The direction of the wind was northerly, the horizontal movement of the air being 43 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 7.4 hours; the measured rainfall amounted to 0.18 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found afterwards in the Hospital to have been erroneous.

CITIES AND BOROUGH.	POPULATION estimated to the middle of the year 1891.*	Registered during the week ending 4th February 1895.		The DEATHS registered in the Week include														TEMPERATURE OF THE AIR.				RAINFALL.		CITIES AND BOROUGH.	
		BIRTHS.	DEATHS.	Deaths of		Deaths from								Deaths in				Mean.				In Inches.	In Centi- metres.		
				Persons aged 60 Years and upwards.	Infants under 1 Year of Age.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes of Death.	From All Causes.	From Diseases 4-19.	Highest.	Lowest.	Fahrenheit.				Centigrade.
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.
-	11,404,408	6717	4275	899	1209	-	64	31	87	98	34	26	191	361	949	70	195	16	46.0	20.5	35.5	1.94	0.21	0.53	33 TOWNS.
-	4,546,752	2696	1690	350	509	-	22	8	32	50	11	10	74	152	539	9	194	15	43.7	21.9	35.5	1.94	0.18	0.46	LONDON.
-	300,241	189	89	21	24	-	3	2	6	1	1	-	3	6	14	2	155	2.3	-	-	-	-	-	-	WEST HAM.
-	127,769	46	27	5	12	-	-	-	-	1	-	-	-	2	4	-	110	0.4	43.5	20.5	34.4	-	0.09	0.23	CROYDON.
-	123,226	33	31	4	14	-	-	1	-	-	-	-	-	1	7	1	131	0.4	46.0	27.6	36.5	2.50	0.57	1.45	BRIGHTON.
-	180,741	93	70	22	22	-	1	-	3	-	1	2	1	3	10	1	191	1.9	-	-	-	-	-	-	PORTSMOUTH.
-	100,637	64	30	8	10	-	-	-	-	1	-	1	-	4	3	-	155	1.0	-	-	-	-	-	-	PLYMOUTH.
-	320,911	201	97	17	37	-	1	-	2	8	-	-	2	11	10	1	158	1.5	42.0	22.5	38.6	0.89	0.15	0.38	BRISTOL.
-	185,826	116	56	17	12	-	-	-	1	3	-	-	7	7	6	-	157	1.1	-	-	-	-	-	-	CARDIFF.
-	103,722	56	42	8	11	-	-	-	1	3	-	-	3	6	5	-	211	2.0	-	-	-	-	-	-	SWANSEA.
-	88,821	55	39	13	16	-	-	-	1	-	-	1	1	1	-	-	22.9	1.2	39.3	22.6	33.0	0.56	0.23	0.58	WOLVERHAMPTON.
-	514,956	344	219	56	52	-	4	1	5	3	6	1	10	16	45	8	222	2.0	-	-	-	-	0.27	0.69	BIRMINGHAM.
-	113,268	68	31	9	15	-	-	-	-	-	-	-	1	2	3	-	143	-	44.4	24.2	36.4	2.44	-	-	NORWICH.
-	213,851	129	65	12	25	-	-	1	5	-	-	-	2	5	8	1	158	1.5	-	-	-	-	-	-	LEICESTER.
-	239,384	127	81	16	28	-	1	-	-	5	-	1	2	3	12	-	176	1.5	42.7	23.0	35.5	1.94	0.05	0.13	NOTTINGHAM.
-	106,401	56	38	10	11	-	1	-	1	1	-	-	2	2	2	-	186	1.5	-	-	-	-	-	-	DERBY.
-	115,162	61	50	10	14	-	-	-	-	1	-	-	3	5	7	-	22.6	0.5	-	-	-	-	-	-	BIRKENHEAD.
-	634,212	394	306	63	81	-	2	3	5	2	-	3	15	20	69	17	25.2	1.2	40.7	27.3	34.8	1.56	0.39	0.99	LIVERPOOL.
-	162,221	108	61	11	13	-	6	1	1	1	1	-	5	5	9	-	19.6	3.2	-	-	-	-	-	-	BOLTON.
-	543,902	305	242	50	50	-	12	1	2	2	3	3	16	28	56	4	23.2	2.2	-	-	-	-	-	-	MANCHESTER.
-	218,244	121	83	18	13	-	1	-	2	-	-	2	2	4	11	-	19.8	1.2	-	-	-	-	-	-	SALFORD.
-	150,772	68	64	14	14	-	4	1	1	-	-	-	1	2	8	-	221	2.1	-	-	-	-	-	-	OLDHAM.
-	113,081	52	39	6	6	-	2	-	-	-	-	1	4	5	5	1	180	1.4	-	-	-	-	-	-	BURNLEY.
-	135,154	87	41	11	11	-	1	-	-	-	-	-	1	3	2	3	15.8	0.8	-	-	-	-	-	-	BLACKBURN.
-	117,622	64	50	19	11	-	-	-	-	5	-	-	2	3	3	5	22.2	2.2	-	-	-	-	-	-	PRESTON.
-	103,464	51	28	9	10	-	-	-	1	1	-	-	-	1	1	1	13.1	1.0	42.8	24.0	35.1	1.72	0.17	0.43	HUDDERSFIELD.
-	97,721	51	42	13	12	-	-	-	-	2	-	-	-	1	2	3	23.4	1.1	-	-	-	-	-	-	HALIFAX.
-	236,241	100	75	10	27	-	1	1	2	1	1	-	-	4	13	1	16.6	1.3	43.0	28.0	36.5	2.50	0.07	0.18	BRADFORD.
-	423,880	237	153	25	39	-	1	2	9	3	3	-	10	20	18	2	18.8	2.2	-	-	-	-	-	-	LEEDS.
-	361,169	257	144	33	32	-	-	6	8	-	4	-	10	12	19	5	20.8	2.6	-	-	-	-	-	-	SHEFFIELD.
-	234,270	153	65	14	21	-	1	-	-	2	-	1	2	2	13	2	14.5	0.9	46.0	29.0	36.4	2.44	0.18	0.46	HULL.
-	145,613	98	76	16	14	-	1	-	-	-	2	-	5	9	14	1	27.2	1.1	-	-	-	-	-	-	SUNDERLAND.
-	106,562	77	50	12	14	-	1	-	-	2	-	-	2	2	5	-	24.5	1.5	-	-	-	-	-	-	GATESHEAD.
-	228,625	155	103	19	24	-	1	-	-	1	-	-	5	14	19	2	23.5	0.5	-	-	-	-	-	-	NEWCASTLE.

\* See note \* on first page of this return



TABLE 2. LONDON.—Births and Deaths Registered in the FIFTH Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2662	2699	2991	2808	2768	2708	2587	2461	2582	2603	2827.0	2696
Males - -	1327	1355	1463	1422	1393	1365	1236	1262	1279	1306	1421.3	1342
Females - -	1335	1344	1528	1386	1375	1343	1251	1199	1303	1297	1405.7	1354
<b>TOTAL Deaths</b>	1572	1849	1638	2500	1673	1620	1598	1516	1764	1861	1850.8	1690
Males - -	796	905	840	1232	852	821	828	759	884	939	938.1	875
Females - -	776	884	798	1268	821	799	770	757	880	922	912.7	815

\*The numbers in this column are the average weekly numbers in the fifth week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Nov. 12.	Nov. 19.	Nov. 26.	Dec. 3.	Dec. 10.	Dec. 17.	Dec. 24.	Dec. 31.	Jan. 7.	Jan. 14.	Jan. 21.	Jan. 28.	Feb. 4.
<b>TOTAL Births</b>	2696	2585	2155	2575	2577	2519	2422	2215	2893	2435	2811	2686	2696
<b>TOTAL Deaths</b>	1405	1436	1439	1569	1447	1423	1470	1593	1666	1568	1503	1382	1690
<b>Ages at Death</b>													
Under 1 year - -	328	310	320	362	289	286	292	339	325	320	289	284	330
1-5 years - -	158	171	157	203	166	176	189	188	175	177	169	168	191
5-20 " - -	76	98	95	78	77	88	100	95	78	87	178	87	78
20-40 " - -	191	197	198	190	196	174	213	188	224	223	220	167	224
40-60 " - -	293	305	287	297	320	317	292	354	390	331	327	298	358
60-80 " - -	299	286	302	349	331	303	316	350	396	346	341	305	417
80 years and upwards	60	69	80	90	68	79	68	79	78	84	79	73	92
<b>Deaths from—</b>													
Small pox - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles - -	19	19	24	25	22	31	24	31	27	27	30	21	22
Scarlet Fever - -	17	12	7	9	11	6	14	12	11	8	8	12	8
Diphtheria - -	31	44	38	43	43	40	46	47	30	34	30	31	32
Whooping-cough - -	13	14	16	28	22	26	21	32	41	37	40	36	50
Typhus - -	-	-	-	-	1	-	-	-	-	-	-	-	1
Enteric Fever - -	27	28	33	21	26	19	21	15	17	10	16	15	10
Simple Continued Fever - -	-	-	-	-	-	-	-	1	-	-	-	-	-
Diarrhoea and Dysentery - -	17	16	6	17	19	13	19	14	13	11	10	8	10
Cholera - -	-	-	1	-	-	-	-	-	-	-	-	-	-
<b>All the above Diseases</b>	124	133	125	143	144	135	145	152	139	127	134	123	143
<b>Dis. of Respiratory System—</b>													
Phtisis - -	248	285	280	340	295	283	284	306	365	363	295	266	348
Phthisis - -	155	183	148	161	156	143	156	165	163	179	154	144	188
Dis. of Circulatory System - -	133	125	145	145	140	123	136	157	186	152	153	121	165
Violence - -	71	67	66	76	53	72	73	93	82	77	74	80	74
<b>Inquest Cases</b>	143	137	139	179	131	146	153	209	209	171	142	161	152
<b>Deaths in Public Institutions—</b>													
	451	468	473	446	474	449	470	488	540	485	474	463	539
<b>TEMPERATURE OF THE AIR.</b>													
Mean - -	49.6	48.0	41.7	44.1	49.4	48.0	40.1	43.3	42.0	45.0	47.4	38.2	35.5
Mean of Highest readings - -	56.0	52.5	47.2	47.6	52.7	51.9	45.3	48.1	46.9	50.7	51.9	43.2	41.0
Mean of Lowest readings - -	44.0	43.1	35.3	39.5	45.1	43.0	34.6	36.8	36.2	39.8	41.9	33.7	30.6
<b>Humidity of the Air</b>	93	89	90	85	83	83	80	84	87	83	84	80	83
<b>Rain-fall (in inches)</b>	0.02	0.02	1.88	0.26	1.34	0.00	0.02	0.81	0.24	1.03	1.00	0.08	0.18
<b>Registered Sunshine (in hours)</b>	27.2	10.7	7.0	5.6	6.7	0.8	12.9	14.0	5.6	20.3	3.3	35.8	7.4
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - -	-	-	-	-	-	-	-	-	-	1	1	-	-
Scarlet Fever - -	3188	3259	3162	3142	3090	3043	2901	2939	2912	2777	2749	2679	2665
Diphtheria - -	1251	1251	1250	1274	1314	1310	1261	1248	1256	1257	1304	1368	1377
Enteric Fever - -	242	252	266	286	286	285	266	255	254	250	243	249	229

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.





TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 4th February, 1899.

The DEATHS registered during the Week include																			
REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of															Deaths in Public Institutions.
				Deaths of		Deaths from													
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple Fever.	Diarrhoea.	Violence.	Inquest Cases.			
LONDON - - -	4,411,710	2696	1690	330	509	-	22	8	32	50	1	10	-	10	74	152	539		
WEST DISTRICTS.																			
St. Mary Paddington } G. & W.	90,996	50	30	7	9	-	-	-	-	1	-	-	-	1	3	4	7		
WHH																			
St. John Paddington H - - G.	33,510	4	12	1	-	-	-	1	-	-	-	-	-	-	3	4	6		
Kensington Town Ww - - W.	122,164	75	63	15	20	-	1	-	-	2	-	-	-	-	1	3	37		
Brompton HH - - W. & C.	48,301	10	10	2	4	-	-	-	-	1	-	-	-	-	1	1	5		
St. Peter Hammersmith - - W.	9,097	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith HHW. & G.	35,102	65	34	8	11	-	1	-	-	2	-	-	-	-	1	1	3		
Fulham Ww - - W. & C.	113,781	75	45	9	12	-	-	2	5	-	-	-	-	1	2	9	15		
Chelsea Kensal Town - - C.	21,450	9	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
Chelsea North WHHHHH - C.	42,057	25	24	3	8	-	-	-	-	1	-	1	-	-	-	2	17		
Chelsea South HE - - C.	33,139	16	15	5	2	-	-	-	-	4	-	-	-	-	-	-	2		
May Fair W - - - - G.	23,827	3	16	1	7	-	-	-	-	-	-	-	-	-	-	-	11		
Belgrave WHHH - - - C.	56,140	19	17	3	5	-	-	-	-	-	-	-	-	-	-	-	4		
St. John Westminster HH - - C.	31,492	19	8	3	2	-	-	-	-	-	-	-	-	-	1	-	-		
St. Margaret Westminster H- - C.	22,097	6	7	2	2	-	-	-	-	-	-	-	-	-	-	-	4		
St. James Westminster } N. & G.	23,050	7	10	-	3	-	-	-	-	-	-	-	-	-	1	2	2		
WHH																			
St. Anne Soho HHHHHH - N.	12,048	6	3	2	-	-	-	-	-	-	-	-	-	-	-	1	1		
NORTH DISTRICTS.																			
All Souls Marylebone } - - W.	36,595	11	15	1	8	-	-	-	-	-	-	-	-	-	-	-	9		
HHHHHHHHH																			
Rectory Marylebone W } G. & W.	19,798	9	7	1	2	-	-	-	-	-	-	-	-	-	-	-	3		
St. Mary Marylebone } G. & W.	19,637	34	5	2	2	-	-	-	-	-	-	-	-	-	1	1	-		
HHHH																			
Christchurch Marylebone H - W	32,547	10	8	3	3	-	-	-	-	-	-	-	-	1	-	1	-		
St. John Marylebone HHH - W.	32,611	24	9	-	3	-	-	-	-	2	-	-	-	-	-	1	-		
Hampstead } - N. & W.	75,440	32	18	1	4	-	-	-	2	1	-	1	-	-	-	-	9		
WwHHHH																			
Regent's Park Pancras HH - W.	37,341	15	9	-	4	-	2	-	-	-	-	-	-	-	2	2	-		
Tottenham-court } - N. & W.	26,757	10	13	2	1	-	-	-	-	1	-	-	-	-	-	-	9		
wHHHH																			
Gray's Inn Lane HHH - - N.	29,426	13	14	2	2	-	1	-	-	-	-	1	-	-	1	3	6		
Somers Town HH - - N.	32,161	22	12	6	1	-	1	-	-	-	-	-	-	-	-	2	-		
Camden Town WH - - N.	16,669	12	7	-	6	-	-	-	-	-	-	-	-	-	-	-	5		
Kentish Town WW - - N.	98,410	57	23	5	8	-	1	-	-	-	-	-	-	-	-	1	3		
Upper Holloway } - - N.	98,273	71	63	11	19	-	-	-	-	2	-	-	-	-	1	5	33		
WWWwHH																			
Islington South-west H - - N.	107,365	68	32	8	8	-	3	-	-	2	-	-	-	-	1	6	-		
Islington South-east - - N.	66,549	41	14	4	4	-	-	-	1	-	-	-	-	-	-	-	-		
Highbury HH - - N.	64,577	31	15	-	5	-	-	-	-	-	-	-	-	-	-	1	-		
Stoke Newington H - - N.	33,485	14	2	-	1	-	-	-	-	-	-	-	-	-	-	1	-		
North Hackney - - E. & N.		19	6	1	2	-	-	-	-	-	-	-	-	-	-	-	-		
Central Hackney ww - - E. & N.		45	17	7	3	-	-	-	3	3	-	-	-	-	-	-	3		
South-west Hackney HHH E. & N.	213,044	40	20	5	4	-	1	-	-	-	-	-	-	-	2	4	4		
South-east Hackney WwH E. & N.		45	25	5	10	-	-	-	-	-	-	-	-	-	1	1	7		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received; w—Workhouse Establishment receiving inmates from other Districts than that in which it stands. T—Tottenham; W—Water Companies; C—Chelsea; S—Southwark and Vauxhall; L—Lambeth; N—New River; E—Epsom; K—Kent Company.

See note† on first page of this Return

REGISTRATION SUB-DISTRICTS

\* Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.





TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 4th February, 1899.

REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
					Deaths of		Deaths from										Unidentified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 40 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Dysentery.	Violence.	Inquest Cases.	Deaths in Public Institutions.	
LONDON—OUTER RING	368,749	1,422,063	1085	475	108	135	-	6	2	14	14	4	1	12	32	60	3
1 Carshalton <i>WHH</i>	12,298	26,108	21	8	2	2	-	-	-	-	-	-	-	-	-	-	-
2 Epsom, <i>part of</i> * <i>WwWH</i>	10,423	12,508	10	5	3	2	-	-	-	-	-	-	-	-	-	1	-
1 Godstone, <i>part of</i> * <i>W</i>	2,754	1,598	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 Croydon <i>WwHHH</i>	20,851	128,699	58	29	6	13	-	-	-	-	1	-	-	-	2	4	-
2 Mitcham <i>w</i>	11,697	23,072	9	4	1	1	-	-	-	-	1	-	-	-	-	-	-
1 Wimbledon <i>HHH</i>	3,220	25,777	21	8	2	1	-	-	-	-	-	-	-	-	-	1	-
2 Kingston <i>W</i>	-	33,566	23	16	3	4	-	1	-	1	1	-	1	-	1	5	-
3 Surbiton <i>H</i>	14,672	12,178	5	4	-	2	-	-	-	-	-	-	-	-	1	1	-
4 Esher, <i>part of</i> * <i>HH</i>	-	11,080	5	1	-	-	-	-	-	-	-	-	-	-	-	1	-
5 Hampton <i>HL</i>	4,565	18,252	10	4	-	2	-	-	-	-	-	-	-	-	-	1	-
1 Richmond <i>WH</i>	2,160	25,389	10	6	-	3	-	-	-	-	-	-	-	-	-	3	-
2 Mortlake <i>H</i>	2,823	16,159	10	5	1	1	-	-	-	-	1	-	-	-	1	-	-
1 Bromley <i>HHH</i>	9,127	23,815	8	3	-	1	-	-	-	-	-	-	-	1	1	-	-
2 Beckenham <i>H</i>	6,542	21,969	14	4	3	-	-	-	-	-	-	-	-	-	-	-	-
3 Chislehurst, <i>part of</i> * <i>WHH</i>	14,307	20,372	7	5	2	1	-	-	-	-	-	-	-	-	1	1	-
1 Bexley <i>HHH</i>	12,540	30,590	23	7	-	3	-	-	-	-	-	-	-	-	1	-	-
2 Dartford <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 Sunbury <i>w</i>	11,054	13,671	12	3	-	1	-	-	-	-	-	-	-	-	-	-	-
2 Staines <i>WH</i>	13,277	13,221	7	3	1	1	-	-	-	-	-	-	-	-	-	1	-
1 Hillingdon <i>WHH</i>	6,035	12,237	8	9	3	2	-	-	-	-	-	-	-	-	-	-	1
2 Uxbridge	12,757	7,253	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-
3 Hayes <i>wH</i>	7,952	11,051	13	1	1	-	-	-	-	-	-	-	-	-	-	-	-
1 Isleworth <i>WHH</i>	6,967	26,004	12	10	1	3	-	-	-	2	-	-	-	-	-	3	-
2 Twickenham <i>HH</i>	2,415	16,027	12	2	-	1	-	-	-	-	-	-	-	-	-	-	-
3 Brentford <i>HHHH</i>	4,318	37,777	20	10	1	1	-	-	-	-	-	-	-	-	1	2	-
4 Chiswick	1,245	21,963	15	11	1	3	-	-	-	-	-	-	-	-	-	-	-
5 Acton <i>wHH</i>	6,132	30,945	20	7	2	1	-	-	-	1	-	-	-	-	-	-	-
1 Harrow <i>HHH</i>	13,809	15,715	14	6	-	2	-	-	-	-	-	-	-	1	1	-	-
2 Edgware <i>HH</i>	6,994	3,844	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 Willesden <i>HHH</i>	4,383	61,265	51	19	5	6	-	-	-	1	1	-	-	-	1	-	-
4 Hendon <i>WH</i>	8,382	15,843	16	11	1	4	-	-	-	-	-	-	-	-	-	7	-
1 South Mimms <i>HH</i>	-	6,367	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
2 Barnet <i>WHH</i>	21,077	14,152	6	2	1	-	-	1	-	-	-	-	-	-	-	-	-
3 Finchley <i>HHH</i>	4,688	25,820	23	13	4	1	-	-	-	-	-	-	-	-	-	-	-
1 Hornsey <i>HH</i>	3,039	61,097	35	19	2	10	-	-	-	-	2	-	-	1	1	-	-
2 Tottenham <i>HH</i>	4,642	97,174	94	27	9	8	-	-	-	1	1	-	-	1	3	-	-
3 Edmonton <i>Www</i>	7,489	36,351	36	17	3	5	-	-	-	2	-	-	-	1	2	1	-
4 Enfield <i>WVHH</i>	12,602	31,536	20	9	2	1	-	-	-	-	-	-	-	-	-	-	-
5 Waltham Abbey	11,017	6,066	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
6 Cheshunt <i>H</i>	8,480	9,620	6	6	4	-	-	-	-	-	2	-	-	-	-	-	-
1 Hatfield, <i>part of</i> * <i>W</i>	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 Bushey <i>H</i>	9,331	7,737	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2 Watford <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 Stratford <i>H</i>	-	38,612	34	11	3	4	-	-	-	-	1	-	-	-	1	4	1
2 Plaistow <i>WHHH</i>	-	59,030	63	27	8	5	-	2	1	4	-	1	-	-	3	1	1
3 Canning Town <i>H</i>	-	54,750	53	31	9	5	-	1	1	1	-	-	-	-	1	-	-
4 Forest Gate <i>w</i>	-	53,511	39	11	1	3	-	-	-	1	-	-	-	-	-	-	-
5 East Ham <i>WHH</i>	3,266	32,713	43	21	4	4	-	1	-	-	2	2	-	-	1	3	-
6 Leyton <i>WVWH</i>	4,334	70,188	67	34	4	17	-	-	-	-	-	-	-	-	2	17	-
7 Walthamstow <i>HHL</i>	6,501	57,330	65	21	8	5	-	-	-	2	-	-	-	-	1	1	2
1 Chigwell, <i>part of</i> * <i>HHHH</i>	11,779	12,941	13	4	-	2	-	-	-	-	-	-	-	-	1	1	-
2 Epping <i>WH, part of</i> *	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-
1 Romford, <i>part of</i> * <i>WH</i>	6,556	4,324	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2 Ilford	8,493	10,913	16	5	1	1	-	-	-	-	1	-	-	-	-	-	-
3 Barking Town, <i>H</i>	3,814	14,301	20	5	3	-	-	-	-	-	-	-	-	-	1	1	-
Middlesex Co. Lunatic Asy., Wandsworth.	-	-	-	4	-	2	-	-	-	-	-	-	-	-	-	4	-
London Co. Lunatic Asy., Cane Hill.	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30 : 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37 : 1, the parishes of Waringham Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41 : 3, Chislehurst district, except the parishes of Chislefield, Cudham, and Knockholt (pop. 3,097); 135 : 1, the parish of Northaw in field sub-district; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (p. 1,079); 189 : 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Notifiable Diseases belonging to the Outer Ring in 42 : 2, Dartford; 137 : 2, Watford; and 187 : 2, Epping sub-districts.



TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 4th February, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
	Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	
GREATER LONDON		443,421	6,528,434	17.3	1.4	2165	433	644	-	28	10	46	64	15	11	86	
INNER LONDON		74,672	4,546,752	19.4	1.5	1690	330	509	-	22	8	32	50	11	10	74	
OUTER RING		368,749	1,981,682	12.5	1.1	475	108	135	-	6	2	14	14	4	1	12	

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal
EDINBURGH	298,927	February 4	153	153	26.6	-	6	2	-	11	-	-
GLASGOW	783,903	" 4	469	469	33.2	-	1	5	3	25	-	-
DUBLIN	349,594	" 4	216	213	31.8	-	-	2	-	3	1	-
CALCUTTA	466,460	December 17	-	-	-	-	-	-	-	-	-	-
BOMBAY	821,764	January 17	201	1199	75.9	1	19	-	-	-	399+	10
MADRAS	452,518	December 23	-	-	-	-	-	-	-	-	-	-
PARIS	2,511,629	January 28	1218	870	18.0	-	10	8	12*	10	7	3
BRUSSELS	551,011	" 2	263	179	17.0	-	17	-	1*	1	3	1
AMSTERDAM	512,758	" 21	297	157	16.0	-	2	-	2	3	3	-
ROTTERDAM	306,439	" 21	228	99	16.7	-	-	-	2	5	4	-
THE HAGUE	196,325	" 21	105	73	19.3	-	1	-	-	1	-	-
COPENHAGEN	345,000	" 28	165	129	19.5	-	2	3	-	2	-	-
STOCKHOLM	283,550	" 21	144	133	24.4	-	6	-	12*	1	-	-
CHRISTIANIA	203,337	" 28	181	90	23.0	-	-	-	-	1	-	-
ST. PETERSBURG	1,132,677	" 21	688	599	27.6	-	6	10	17	8	20	5
MOSCOW	988,610	" 21	-	554	29.2	7	17	9	10	1	3	5
BERLIN	1,805,054	" 14	958	639	18.5	-	7	10	13	17	-	2
HAMBURG	675,351	" 28	-	230	17.7	-	1	1	2*	5	-	-
DRESDEN	388,300	December 24	-	-	-	-	-	-	-	-	-	-
BRESLAU	406,012	January 28	-	212	27.2	-	-	1	-	1	2	2
MUNICH	445,000	" 28	-	172	20.1	-	-	-	3*	5	-	1
VIENNA	1,606,629	" 28	918	689	22.3	-	11	8	8*	6	1	3
PRAGUE	380,487	" 21	230	185	25.3	-	4	4	12	-	1	4
BUDA-PESTH	666,722	" 21	470	328	25.6	-	4	2	3	-	9	1
TRIESTE	165,913	" 21	-	-	-	-	-	-	-	-	-	-
ROME	500,610	" 7	280	207	21.6	-	-	-	1	2	3§	7
TURIN (10 days)	344,203	" 10	-	-	-	-	-	-	-	-	-	-
VENICE	169,883	" 21	-	-	-	-	-	-	-	-	-	-
CAIRO	570,062	-	-	-	-	-	-	-	-	-	-	-
ALEXANDRIA	319,766	-	-	-	-	-	-	-	-	-	-	-
NEW YORK (including BROOKLYN)	3,550,053	January 14	1753	1275	18.7	1	7	12	30	7	3	14
PHILADELPHIA	1,266,832	" 21	-	586	24.1	-	-	5	18	4	31	9

\* Including deaths from croup.

† Including 308 deaths from plague.

‡ Including 6 deaths from cholera.

§ Including 2 deaths from malarial fever.

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SUNDAY



LONDON:  
PRINTED FOR HER MAJESTY'S STATIONERY OFFICE  
By DARLING & SON, LTD., 1-3, GREAT ST. THOMAS APOSTLE, E.C.

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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,*

AND SOLD BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 6. 1899. VOL. LX.]      WEEK ENDING SATURDAY, FEB. 11.      [Price 1½d.

*General Register Office, Somerset House,  
February 13th, 1899.*

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 21·9 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Jan. 21.	Jan. 28.	Feb. 4.	Feb. 11.		Jan. 21.	Jan. 28.	Feb. 4.	Feb. 11.
33 Great Towns	18·2	17·0	19·5	21·9	Leicester - -	14·4	16·6	15·8	16·3
Birkenhead -	16·8	18·1	22·6	19·5	Liverpool - -	21·5	23·3	25·2	30·5
Birmingham -	18·1	16·0	22·2	22·2	London - - -	17·2	15·8	19·4	22·8
Blackburn -	20·4	15·4	15·8	16·6	Manchester - -	21·3	18·5	23·2	25·0
Bolton - - -	21·2	19·0	19·6	24·4	Newcastle-on-Tyne	19·8	16·9	23·5	19·4
Bradford - -	19·4	17·9	16·6	17·0	Norwich - - -	21·6	18·9	14·3	15·7
Brighton - -	17·8	17·3	13·1	14·0	Nottingham - -	19·8	18·1	17·6	24·4
Bristol - - -	18·2	17·1	15·8	21·8	Oldham - - -	15·9	18·0	22·1	25·2
Burnley - - -	13·8	16·6	18·0	11·1	Plymouth - - -	16·1	23·8	15·5	20·2
Cardiff - - -	15·7	12·9	15·7	16·8	Portsmouth - -	17·2	15·6	19·1	20·0
Croydon - - -	15·1	13·5	11·0	15·1	Preston - - -	22·6	22·6	22·2	32·4
Derby - - -	13·7	18·6	18·6	20·1	Salford - - -	16·5	16·2	19·8	22·7
Gateshead - -	23·0	18·1	24·5	18·1	Sheffield - - -	18·9	18·3	20·8	19·6
Halifax - - -	22·4	14·4	22·4	20·3	Sunderland - -	21·5	22·2	27·2	27·9
Huddersfield -	17·1	17·6	13·1	16·1	Swansea - - -	26·6	21·6	21·1	22·1
Hull - - - -	20·7	16·7	14·5	16·2	West Ham - - -	15·8	12·0	15·5	16·3
Leeds - - - -	16·6	16·6	18·8	20·9	Wolverhampton	20·0	18·2	22·9	20·0

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·0 in West Ham, 1·6 in Manchester, and 1·9 in Bolton; from *scarlet fever*, 1·1 in Sunderland; from *whooping-cough*, 1·1 in Halifax, 1·3 in Preston, 1·5 in Bristol, 1·8 in Sunderland, and 2·5 in Cardiff; and from "*fever*," 2·7 in Preston. In none of the thirty-three towns did the death-rate from *diarrhœa* reach 1·0 per 1000. The 111 deaths from *diphtheria* included 49 in London, 10 in Leeds, 8 in West Ham, 7 in Sheffield, 6 in Birmingham, 6 in Liverpool, 4 in Leicester, 3 in Cardiff, 3 in Swansea, and 3 in Manchester. No death from *small-pox* was registered in any of the thirty-three towns.

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.



## LONDON.

In LONDON\* 2802 BIRTHS and 1991 DEATHS were registered. Allowing for increase of population, the births were 111 below, and the deaths 198 above, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 17·2, 15·8, and 19·4 in the preceding three weeks, further rose last week to 22·8. During the four weeks ending on Saturday last the death-rate averaged 18·8 per 1000, being 3·9 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1991 deaths included 21 from measles, 7 from scarlet fever, 49 from diphtheria, 45 from whooping-cough, 20 from enteric fever, 15 from diarrhoea and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 157 deaths were referred to these diseases, being 25 below the corrected average weekly number.

The deaths from *measles*, which had been 30, 21, and 22 in the preceding three weeks, were 21 last week, the corrected average being 38; 4 cases belonged to St. Pancras and 4 to Islington sanitary areas. The deaths from *scarlet fever*, which had been 8, 12, and 8 in the preceding three weeks, were 7 last week, the corrected average being 17. The deaths from *diphtheria*, which had been 30, 31, and 32 in the preceding three weeks, further rose last week to 49, and were 8 above the corrected average; 6 cases belonged to Hackney, 5 to Lambeth, 4 to St. Saviour Southwark, 3 to Fulham, 3 to Bermondsey, 3 to Battersea, and 3 to Wandsworth sanitary areas. The deaths from *whooping-cough*, which had been 40, 36, and 50 in the preceding three weeks, fell again last week to 45, and were 18 below the corrected average; 9 cases belonged to Newington and 8 to Islington sanitary areas. The fatal cases of *enteric fever*, which had been 16, 15, and 10 in the preceding three weeks, rose again last week to 20, and were 13 above the corrected average; 4 cases belonged to Camberwell, 3 to Mile End Old Town, and 2 to Greenwich sanitary areas. The deaths from *diarrhoea*, which had been 10, 8, and 10 in the preceding three weeks, further rose last week to 15, and were equal to the corrected average. The deaths referred to diseases of the respiratory organs, which had been 295, 266, and 348 in the preceding three weeks, further rose last week to 481, and were 19 above the corrected average. The deaths attributed directly to *influenza* numbered 50, having been 20, 21, and 22 in the preceding three weeks.

Different forms of violence caused 69 deaths, concerning all but 2 of which inquests were held. Of these 69 deaths, 4 were cases of suicide, and 4 of homicide, while the remaining 61 were attributed to accident or negligence. Three of these were referred to vehicles in the streets, 11 to burns and scalds, and 14 (of infants under one year of age) to suffocation in bed.

## CASES OF INFECTIOUS SICKNESS IN HOSPITALS†.

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2642 cases of scarlet fever, 1378 of diphtheria, and 228 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 253 cases, against 249, 220, and 265; of diphtheria, 177 cases, against 178, 189, and 184; and of enteric fever, 42 cases, against 35, 29, and 13.

\* Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

† The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

## GREATER LONDON.

In Greater London 3868 births and 2556 deaths were registered, corresponding to annual rates of 30·9 and 20·4 per 1000 of the estimated population. In the Outer Ring 9 deaths from measles, 4 from scarlet fever, 22 from diphtheria, 17 from whooping-cough, 2 from "fever," and 3 from diarrhoea were registered. Seven deaths from measles and 13 from diphtheria occurred in West Ham district; 8 deaths from whooping cough occurred in Edmonton district.

## METEÓROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·37 inches, and that of the Thermometer 47·4; the latter being 8·3° above the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 39 per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 10·5 hours; the measured rainfall amounted to 1·19 inches.

## RETURNS OF LONDON WATER COMPANIES.

The LONDON WATER COMPANIES have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of January 1899. The supply was in the ratio of 218 gallons to one service.

COMPANIES.	Number of Services.		Daily Supply of Water in Gallons.	
	JANUARY, 1898.	JANUARY, 1899.	JANUARY, 1898.	JANUARY, 1899.
TOTAL SUPPLY - - -	853,772	873,232	195,003,649	190,656,318
From Thames - - - - -	410,995	419,090	103,255,507	102,262,322
From Lea and from other Sources -	442,777	454,142	91,748,142	88,393,996
THAMES.				
Chelsea - - - - -	37,820	38,105	10,954,100	11,353,885
West Middlesex - - - - -	81,843	83,390	19,915,704	19,808,304
Southwark and Vauxhall - - - -	121,184	122,278	31,766,695	30,325,491
Grand Junction - - - - -	61,917	63,596	19,107,079	18,128,158
Lambeth - - - - -	108,231	111,721	21,511,929	22,646,484
LEA AND OTHER SOURCES.				
New River - - - - -	163,346	165,683	33,733,359	33,528,557
East London - - - - -	192,839	193,464	43,101,536	38,684,379
Kent - - - - -	86,592	89,995	14,913,247	16,181,060

*Note.*—The Return for January 1899, as compared with that for the corresponding month of 1898 shows an increase of 19,460 services and a decrease of 4,347,331 gallons of water supplied daily.

## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING JANUARY, 1899.

*Water-analysis Laboratory, The Yews, Reigate*  
4th February, 1899.

SIR,

I HAVE to report to you the results of the chemical analysis, and of the physical and bacterioscopic examination of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of January.

These examinations include (a) the bacterioscopic and chemical condition of the raw river waters at the intakes of the various Companies, and (b) the bacteriology of the water as it issues from the filter beds of each Company, and before it is pumped into the distributing mains.

I append, also, the results obtained in the analysis of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill, of Birmingham, and Dr. Mills, of Glasgow.



# Analysis of Metropolitan Waters.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.		Date and Place of Collection.	Temperature in Centigrade degrees.	Total Solid Matter.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen as Ni- trates and Nitrites.	Total Combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.		°								
	(Unfiltered water) -	{ January 6th, Grand Junction Co.'s intake at Hampton. }	5.1	35.64	.486	.069	.009	.329	.405	1.7	22.1
	Chelsea - - -	{ January 11th, Cab Rank, Horse Guards, Whitehall. }	6.9	32.86	.312	.033	0	.311	.344	1.7	21.2
	West Middlesex -	{ January 11th, Cab Rank, Riding House- street. }	8.0	32.64	.187	.023	0	.304	.327	1.7	20.9
	Southwark - -	{ January 11th, Cab Rank, St. George's Church, Borough. }	7.0	32.24	.333	.039	0	.323	.362	1.7	20.6
	Grand Junction -	{ January 11th, Cab Rank, Portman- street, Oxford-street. }	7.1	32.80	.309	.032	0	.309	.345	1.7	21.2
	Lambeth - - -	{ January 11th, Cab Rank, St. George's- road, Southwark. }	6.9	32.72	.291	.038	0	.290	.323	1.6	20.9
	LEA.										
	(Unfiltered water) -	{ January 9th, New River Cut at Green Lanes. }	7.2	36.92	.157	.015	.006	.364	.384	1.7	23.0
	New River - -	{ January 11th, Cab Rank, Tottenham Court-road. }	6.3	35.44	.086	.011	0	.320	.331	1.7	22.1
Outer Circle.	(Unfiltered water) -	{ January 9th, E. London Co.'s intake at Angel-road. }	6.0	41.56	.307	.044	.018	.426	.485	2.0	26.9
	East London - -	{ January 11th, Cab Rank, Sidney-street, E. }	6.3	40.46	.272	.023	0	.456	.484	2.1	26.3
	DEEP WELLS.										
	Kent - - - -	{ January 11th, Police Station, Blackheath-road. }	11.7	40.10	.041	.005	0	.452	.457	2.0	26.6
	East London - -	{ January 20th, Chingford Well. }	—	29.20	.071	.011	.022	trace	.029	1.8	16.3
	Corporation of Birming- ham* - - - -	{ January 18th, 15, Court Benacre Street. }	5.6	30.40	.350	.040	.002	.200	.242	1.8	18.0
	Corporation of Glasgow†	{ January 16th, Loch Katrine water. }	5.3	3.00	.172	.019	0	.006	.025	.8	1.3
	Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10	11.

\* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers contained in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus:—The Thames water collected on the 6th January at the Grand Junction Company's intake at Hampton had a temperature of 5.1° C.; 100,000 lbs. of it contained 35.64 lbs. of solid matter in solution; the organic substances, constituting a portion of this matter, contained .486 lb. of carbon and .069 lb. of nitrogen. The above quantity of water also contained .009 lb. of ammonia and .329 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was .405 lb. The above weight of water also contained 1.7 lb. of chlorine, and 22.1 lbs. of carbonate of lime, or an equivalent amount of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

Taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December 1876, as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies, was:—Kent 0·8, East London (deep well) 1·4, New River 1·7, West Middlesex 3·6, East London (river supply) 5·1, Lambeth 5·6, Grand Junction 5·8, Chelsea 5·9, and Southwark 6·3. The unfiltered waters contained the following proportions:—Thames at Hampton 9·0, New River Cut 2·9, and Lea at Angel Road 6·0.

The Thames at Hampton was, on January 6th, turbid and deep yellow in colour; it was of very bad chemical and bacterial quality. The water supplied by the five Companies drawing from this river was, in every case, efficiently filtered before delivery; but, with one exception (that delivered by the West Middlesex Co.), contained an excess of vegetable organic matter, whilst the Southwark, Grand Junction, and Lambeth Companies delivered water containing an excess of microbes above the standard of 100 per cubic centimetre. The bacterial improvement effected by the Thames Companies is expressed by the following percentage numbers:—Chelsea 99·86, West Middlesex 99·79, Southwark (general supply) 98·63, Grand Junction (general well at Hampton) 99·47, (general well at Kew) 98·92, and Lambeth 99·48.

The New River Cut, before entering the storage and subsidence reservoirs of the New River Company, was, on January 9th, turbid and very pale yellow in colour. It was of good chemical but indifferent bacterial quality. After efficient filtration, it was delivered in excellent chemical and bacterial condition, the bacterial improvement being 98·55 per cent.

The water drawn from the Lea at Angel Road by the East London Company was, on January 9th, turbid and pale yellow in colour. It was of bad quality, both chemically and bacterially; but, after efficient filtration, was delivered in good chemical condition, though containing an excess of vegetable organic matter. Bacterially, however, it infringed considerably the standard of 100 microbes per cubic centimetre. The bacterial improvement is expressed by the following percentage numbers:—No. 1 Essex well 97·53, and Middlesex well 96·53.

The deep well water of the Kent and East London Companies was clear and bright without filtration, and possessed a high degree of organic purity.

Seen through a stratum two feet deep, the Kent and East London (deep well) Companies' water was clear and colourless, the New River clear and nearly colourless, the West Middlesex and East London (river supply) clear and very pale yellow, and the remaining waters clear and pale yellow.

The bacterioscopic examination of the river waters, before and after storage, and of the filtered supplies delivered by the various Companies, collected on the 6th, 7th, 9th, and 11th of January, yielded, after prolonged incubation, the results contained in the following Table:—

DESCRIPTION.	Microbes per c.c.	Temp. C.
RAW AND STORED RIVER WATERS.		
River Thames at Hampton, January 6th, 1899	34,000	51
" " after storage by Chelsea Company, January 6th	3,660	54
" " by West Middlesex Company, January 7th	1,840	49
Grand Junction Company's water at Kew Bridge, passing to filters, January 7th	7,980	49
New River Cut before passing through reservoirs, January 9th	3,240	72
" " after	3,020	63
River Lea at Angel Road, January 9th	16,500	60
" " after storage by East London Company, January 9th	12,400	56
FILTERED RIVER WATERS AS SUPPLIED.		
THAMES.		
Chelsea Company's general filter well, January 6th	48	49
West Middlesex Company's general filter well, January 7th	70	49
Southwark Company's tap on filtered water main at Hampton works, January 6th	466	54
Grand Junction Company's general filter well at Hampton, January 6th	180	45
" " Kew Bridge, January 7th	368	52
Lambeth Company's general filter well, January 6th	178	50
LEA.		
New River Company's general filter well, January 9th	47	60
East London Company's No. 1 Essex filters, January 9th	408	63
" " " Middlesex " "	572	56
DEEP-WELL.		
Kent Company's "New Well" at Deptford, January 11th	3	11·3



Dr. Hill, F.I.C., Medical Officer of Health for Birmingham, reports that the water supplied to that City was "very slightly turbid and yellowish green in a two-foot tube."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that City from Loch Katrine was, on the 16th of January, "light brown in colour, and contained a little suspended matter."

I am, &c.,

E. FRANKLAND.

The Registrar-General, &c., &c.

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CITIES AND BOROUGH.	Cois.	POPULATION to the middle of the Year 1899.		Registered during the Week ending 11th February 1899.		Deaths of		Deaths from								Deaths in Public Institutions.		Unidentified Causes of Death.		Annual Rate per 1000, corresponding to the Week's Deaths.		TEMPERATURE OF THE AIR.				RAINFALL.		CITIES AND BOROUGH.
		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	Mean.		Inches.	In Cent.					
																				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.				Small-pox.			
33 TOWNS	-	11,404,408	6730	4797	1048	1329	-	68	28	111	114	49	33	188	403	1076	77	219	18	639	254	445	694	125	317	24.	33 TOWNS.	
LONDON	-	4,546,762	2802	1991	430	590	-	21	7	49	45	20	15	69	178	592	15	228	18	639	338	474	856	119	302	LONDON.		
WEST HAM	-	300,241	159	94	21	26	-	6	2	8	1	1	2	4	7	10	3	163	35	-	-	-	-	-	-	WEST HAM.		
CROYDON	-	127,769	75	37	11	15	-	-	-	1	1	-	-	3	4	11	-	151	08	625	340	465	806	175	444	CROYDON.		
BRIGHTON	-	123,236	69	33	8	13	-	-	-	1	1	-	-	1	2	6	1	140	08	542	380	469	828	163	414	BRIGHTON.		
PORTSMOUTH	-	190,741	98	73	10	23	-	2	-	2	-	1	-	1	3	13	2	200	14	580	355	477	872	160	406	PORTSMOUTH.		
PLYMOUTH	-	100,337	57	39	5	9	-	-	1	2	-	-	-	-	1	2	-	202	05	-	-	-	-	-	-	PLYMOUTH.		
BRISTOL	-	320,411	147	134	22	44	-	-	1	9	3	3	1	7	16	25	-	218	23	586	290	457	761	198	503	BRISTOL.		
CARDIFF	-	185,823	91	60	14	17	-	-	3	9	1	-	-	2	3	7	3	168	34	-	-	-	-	-	-	CARDIFF.		
SWANSEA	-	103,722	59	44	13	8	-	1	-	3	1	-	-	-	2	3	1	221	25	-	-	-	-	-	-	SWANSEA.		
WOLVERHAMPTON	-	88,821	64	34	8	10	-	-	1	-	-	-	-	1	2	11	-	200	06	565	272	406	478	142	361	WOLVERHAMPTON.		
BIRMINGHAM	-	614,956	313	219	54	66	-	-	6	1	4	4	4	13	18	46	5	232	15	-	-	-	-	-	-	BIRMINGHAM.		
NORWICH	-	112,263	68	34	7	17	-	-	-	-	-	-	-	3	5	3	-	157	-	636	254	451	728	063	160	NORWICH.		
LEICESTER	-	213,851	120	67	17	18	-	-	4	-	1	1	-	-	3	5	14	2	163	15	-	-	-	-	-	LEICESTER.		
NOTTINGHAM	-	239,334	131	112	29	27	-	3	-	1	3	-	2	2	6	20	-	244	20	610	256	423	572	076	193	NOTTINGHAM.		
DERBY	-	106,401	55	41	10	9	-	1	-	-	-	-	-	1	3	4	-	201	10	-	-	-	-	-	-	DERBY.		
BIRKENHEAD	-	115,162	59	43	12	9	-	-	-	-	2	-	-	2	6	5	-	185	09	-	-	-	-	-	-	BIRKENHEAD.		
LIVERPOOL	-	634,212	422	371	88	92	-	-	5	6	7	2	1	23	30	93	24	305	17	583	327	444	689	072	183	LIVERPOOL.		
BOLTON	-	162,221	80	76	15	17	-	6	-	1	2	-	1	-	7	7	-	244	32	-	-	-	-	-	-	BOLTON.		
MANCHESTER	-	543,402	337	261	49	57	-	17	1	3	4	3	2	6	18	57	5	250	29	-	-	-	-	-	-	MANCHESTER.		
SALFORD	-	218,544	141	95	18	27	-	1	2	1	2	1	1	5	7	22	-	227	19	-	-	-	-	-	-	SALFORD.		
OLDHAM	-	150,772	70	73	12	21	-	1	-	2	2	-	-	4	10	14	-	252	17	-	-	-	-	-	-	OLDHAM.		
BURNLEY	-	113,081	44	24	7	8	-	1	-	1	1	-	-	1	2	4	5	111	09	-	-	-	-	-	-	BURNLEY.		
BLACKBURN	-	135,154	64	43	13	8	-	2	-	1	1	-	-	4	4	5	5	166	15	-	-	-	-	-	-	BLACKBURN.		
PRESTON	-	117,622	78	73	19	15	-	-	-	1	3	6	1	-	2	6	3	324	44	-	-	-	-	-	-	PRESTON.		
HUDDESFIELD	-	103,464	45	32	7	7	-	-	1	-	1	-	-	-	2	3	1	161	10	578	300	425	583	141	358	HUDDESFIELD.		
HALIFAX	-	97,721	36	38	5	6	-	-	1	-	2	1	-	-	-	7	-	203	21	-	-	-	-	-	-	HALIFAX.		
BRADFORD	-	236,241	88	77	12	22	-	2	-	-	1	-	-	3	7	8	-	170	07	556	314	416	533	137	348	BRADFORD.		
LEEDS	-	423,389	244	170	35	48	-	1	1	10	1	2	1	16	23	23	1	209	20	-	-	-	-	-	-	LEEDS.		
SHEFFIELD	-	361,169	239	136	26	39	-	-	2	7	1	2	-	4	5	13	3	196	17	-	-	-	-	-	-	SHEFFIELD.		
HULL	-	234,270	158	73	21	18	-	1	-	-	1	1	-	6	9	12	1	162	13	610	290	435	639	056	142	HULL.		
SUNDERLAND	-	145,613	81	78	21	11	-	2	3	-	5	1	-	2	4	14	1	279	39	-	-	-	-	-	-	SUNDERLAND.		
GATESHEAD	-	108,552	85	37	9	10	-	-	-	1	1	-	-	-	3	1	1	181	05	-	-	-	-	-	-	GATESHEAD.		
NEWCASTLE	-	228,625	151	85	20	22	-	1	-	-	2	-	1	3	10	12	1	194	11	-	-	-	-	-	-	NEWCASTLE.		



TABLE 2. LONDON.—Births and Deaths Registered in the SIXTH Week of each of the Eleven Years, 1889–99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889–98.*	1899
<b>TOTAL Births</b>	2772	2707	2814	2651	2884	2709	2736	2656	2917	2843	2913·2	2802
Males - -	1433	1373	1371	1356	1468	1403	1381	1370	1490	1488	1487·5	1408
Females - -	1339	1334	1443	1295	1416	1301	1355	1284	1427	1355	1425·7	1394
<b>TOTAL Deaths</b>	1460	1719	1673	2010	1579	1532	1768	1762	1588	1922	1793·1	1991
Males - -	721	881	880	992	757	781	880	936	816	954	905·1	989
Females - -	739	838	793	1018	822	751	888	826	772	968	888·0	1002

\*The numbers in this column are the average weekly numbers in the sixth week of the ten years 1889–98, raised by 5·213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Nov. 19.	Nov. 26.	Dec. 3.	Dec. 10.	Dec. 17.	Dec. 24.	Dec. 31.	Jan. 7.	Jan. 14.	Jan. 21.	Jan. 28.	Feb. 4.	Feb. 11.		
<b>TOTAL Births</b>	-	-	2585	2155	2575	2577	2519	2422	2215	2893	2435	2811	2686	2696	2802
<b>TOTAL Deaths</b>	-	-	1436	1439	1569	1447	1423	1470	1593	1666	1568	1503	1381	1690	1991
Ages at Death	Under 1 year	-	310	320	362	289	286	292	339	325	320	289	284	330	430
	1-5 years	-	171	157	203	166	176	189	188	175	177	169	168	191	210
	5-20	-	98	95	78	77	88	100	95	78	87	78	87	78	109
	20-40	-	197	198	190	196	174	213	188	224	223	220	167	224	253
	40-60	-	305	247	297	320	317	292	354	390	331	327	298	358	399
	60-80	-	286	302	349	331	303	316	350	396	346	341	305	417	471
80 years and upwards	-	69	80	90	68	79	68	79	78	84	79	72	92	119	119
Deaths from—															
Small pox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	-	-	19	24	25	22	31	24	31	27	27	30	21	22	21
Scarlet Fever	-	-	12	7	9	11	6	14	12	11	8	8	12	8	7
Diphtheria	-	-	44	38	43	43	40	46	47	30	34	30	31	32	49
Whooping-cough	-	-	14	16	28	22	26	21	32	41	37	40	36	50	45
Typhus	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-
Enteric Fever	-	-	28	33	21	26	19	21	15	17	10	16	15	10	20
Simple Continued Fever	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Diarrhoea and Dysentery	-	-	16	6	17	19	13	19	14	13	11	10	8	10	15
Cholera	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
All the above Diseases	-	-	133	125	143	144	135	145	152	139	127	134	123	133	157
Dis. of Respiratory System	-	-	285	280	340	295	283	284	306	365	363	295	266	348	481
Phthisis	-	-	183	148	161	156	143	156	165	163	179	154	144	188	192
Dis. of Circulatory System	-	-	125	145	145	140	123	136	157	186	152	153	121	165	194
Violence	-	-	67	66	76	53	72	73	93	82	77	74	80	74	69
Inquest Cases	-	-	137	139	179	131	146	153	209	209	171	142	161	152	178
Deaths in Public Institutions	-	-	468	473	446	474	449	470	488	540	485	474	462	539	592
TEMPERATURE OF THE AIR.															
Mean	-	-	48·0	41·7	44·1	49·4	48·0	40·1	43·3	42·0	45·0	47·4	38·2	36·5	47·4
Mean of Highest readings	-	-	52·5	45·2	47·6	52·7	51·9	45·3	48·1	46·9	50·7	51·9	43·2	40·1	51·7
Mean of Lowest readings	-	-	43·1	37·3	39·5	45·1	43·0	34·6	36·8	36·2	39·8	41·9	33·7	30·6	42·7
Humidity of the Air	-	-	89	90	85	83	83	80	84	87	83	84	80	83	83
Rain-fall (in inches)	-	-	0·02	1·88	0·26	1·31	0·00	0·02	0·61	0·24	1·03	1·00	0·08	0·18	1·19
Registered Sunshine (in hours)	-	-	10·7	7·0	5·6	6·7	0·8	12·9	14·0	5·6	20·3	3·3	35·8	7·4	10·5
CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.															
Small-pox	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Scarlet Fever	-	-	325	312	314	3030	3043	2901	2939	2912	2777	2749	2679	2665	2642
Diphtheria	-	-	1251	1250	1274	1314	1310	1261	1248	1256	1257	1304	1368	1377	1373
Enteric Fever	-	-	252	266	286	286	285	266	255	254	250	243	249	229	228

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Jobbayer Esq., M.E., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

CAUSES OF DEATH		In the Week ending Saturday, 11th February 1899.		CAUSES OF DEATH		In the Week ending Saturday, 11th February 1899.	
		Deaths of Persons of the Ages				Deaths of Persons of the Ages	
		ALL AGES.	Under 20.			ALL AGES.	Under 20.
ALL AGES.	Under 20.	ALL AGES.	Under 20.	ALL AGES.	Under 20.	ALL AGES.	Under 20.
0-1.	1-5.	0-1.	1-5.	0-1.	1-5.	0-1.	1-5.
5-20.	20 and under 40.	5-20.	20 and under 40.	5-20.	20 and under 40.	5-20.	20 and under 40.
40 and under 60.	60 and under 80.	40 and under 60.	60 and under 80.	40 and under 60.	60 and under 80.	40 and under 60.	60 and under 80.
80 years and upwards.		80 years and upwards.		80 years and upwards.		80 years and upwards.	
Corrected Averages for the 8th Week 1898-99.		Corrected Averages for the 8th Week 1898-99.		Corrected Averages for the 8th Week 1898-99.		Corrected Averages for the 8th Week 1898-99.	
1793.1	1991	430	210	109	253	399	471
1991	430	210	109	253	399	471	119
Diseases of Circulatory System	154.9	194	2	2	12	24	62
Croup	6.8	2	1	1	1	1	1
Bronchitis	28.2	27	5	2	4	14	40
Pneumonia	134.6	152	51	3	7	12	30
Pleurisy	5.7	7	1	1	1	3	2
Other Diseases of Respiratory System	32.2	45	7	8	1	4	10
Dentition	11.7	10	4	6	1	1	1
Quinsy, Sore Throat	0.7	2	1	1	1	1	1
Enteritis	12.5	23	18	4	1	3	2
Peritonitis	5.7	4	1	1	1	3	1
Diseases of Liver	25.5	36	1	1	3	19	1
Other Diseases of Digestive System	29.7	41	6	3	1	7	12
Diseases of Lymphatic System & of Ductless Glands	2.3	2	1	1	1	1	1
Diseases of Urinary System	48.1	63	1	3	9	29	21
Diseases of Generative System	5.1	5	1	1	3	1	1
Accidents of Childbirth	4.9	5	1	1	5	1	1
Diseases of Locomotive System	6.4	6	1	2	2	1	1
Diseases of Integumentary System	6.2	6	2	1	1	3	1
VIOLENT DEATHS†							
(ACCIDENT.)							
By Railways	2	1	1	1	1	1	1
By Vehicles or Horses	3	1	1	1	3	1	1
In Ships, Boats, Docks, (exclusive of Drowning)	1	1	1	1	1	1	1
In Building Operations	1	1	1	1	1	1	1
In Conflagrations	1	1	1	1	1	1	1
By Burns, Scalds, Explosions	57.9	11	1	5	4	1	1
By Drowning	2	1	1	1	1	1	1
By Suffocation in Bed	14	11	1	1	1	1	1
By Poisons or Poisonous Vapours	1	1	1	1	1	1	1
Other or not stated causes	26	4	2	5	6	8	1
(VIOLENCE OTHER THAN ACCIDENTAL.)							
Homicide	1.6	4	3	1	1	1	1
Suicide	8.3	4	1	1	1	1	1
Execution	0.1	1	1	1	1	1	1
OTHER CAUSES	51.8	54	50	3	1	1	1

the numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHOEA, VIOLENCE, &amp;c., registered in each SUB-DISTRICT during the Week ending Saturday, 11th February, 1899.

The DEATHS registered during the Week include																			
REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from											Inquest Cases.	Deaths in Public Institutions.	Un- certified Causes
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.				
LONDON - - -	4,411,710	2802	1991	430	590	-	21	7	49	45	-	20	-	15	69	178	592	15	
WEST DISTRICTS.																			
St. Mary Paddington } G. & W.	90,996	55	43	14	12	-	-	-	-	4	-	-	-	1	2	3	8	-	
WHH																			
St. John Paddington H - - G.	33,510	6	15	1	6	-	-	-	-	-	-	-	-	-	-	-	5	-	
Kensington Town Ww - - W.	122,164	61	66	11	31	-	-	-	-	1	-	-	-	-	1	4	33	-	
Brompton HH - - W & C.	48,301	10	11	-	4	-	-	-	-	-	-	-	-	-	-	-	5	-	
St. Peter Hammersmith - - W.	9,097	5	7	1	2	-	-	-	-	-	-	-	-	-	-	1	-	-	
St. Paul Hammersmith HHW, & G.	25,102	68	40	14	11	-	-	-	1	-	-	-	-	-	3	5	5	-	
Fulham Ww - - W. & C.	113,781	103	47	11	9	-	-	1	6	-	-	1	-	-	2	4	22	-	
Chelsea Kensal Town - - C.	21,450	11	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chelsea North WHHHHH - - C.	42,057	23	25	3	10	-	-	-	-	-	-	-	-	-	1	2	9	-	
Chelsea South HE - - O.	33,139	21	9	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
May Fair W - - - G.	23,827	6	21	1	10	-	-	-	-	1	-	-	-	-	2	3	17	-	
Belgrave WHHH - - O.	56,140	23	28	1	10	-	-	-	-	-	-	-	-	-	3	6	11	1	
St. John Westminster HH - - O.	31,492	19	15	6	3	-	-	-	-	-	-	-	-	-	-	3	2	-	
St. Margaret Westminster H- O.	22,097	6	10	-	2	-	-	-	-	-	-	2	-	-	1	1	7	-	
St. James Westminster } N. & G.	23,050	7	4	1	2	-	1	-	-	-	-	-	-	-	-	-	1	-	
WHH																			
St. Anne Soho HHHHHH - N.	12,048	7	7	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH DISTRICTS.																			
All Souls Marylebone } - - W.	36,595	12	18	-	6	-	-	-	-	-	-	1	-	-	1	3	9	-	
HHHHHHHH																			
Rectory Marylebone W G. & W.	19,798	9	9	4	3	-	-	-	-	-	-	-	-	-	-	1	2	-	
St. Mary Marylebone } G. & W.	19,637	40	7	1	3	-	-	-	-	-	-	-	-	-	-	-	2	-	
HHHH																			
Christchurch Marylebone H - W	32,547	23	9	3	4	-	-	-	1	-	-	-	-	-	1	-	-	-	
St. John Marylebone HHH W.	32,611	13	15	3	6	-	-	-	-	1	-	-	-	-	1	1	-	-	
Hampstead } - N. & W.	75,449	22	25	-	8	-	-	-	2	-	-	-	-	-	2	2	6	-	
WwHHHH																			
Regent's Park Pancras HH - W.	37,341	14	14	2	6	-	1	-	-	-	-	-	-	-	-	2	-	-	
Tottenham-court } - N. & W.	26,757	14	18	5	5	-	-	-	-	1	-	-	-	-	-	-	1	10	
wHHHH																			
Gray's Inn Lane HHH - - N.	29,426	21	13	4	2	-	1	-	-	-	-	-	-	-	-	-	1	3	
Somers Town HH - - N.	32,161	20	12	4	3	-	-	-	-	-	-	-	-	-	-	-	3	2	
Camden Town WH - - N.	16,669	10	10	1	5	-	-	-	-	-	-	-	-	-	1	2	6	-	
Kentish Town WW - - N.	98,410	56	54	10	16	-	2	-	1	2	-	-	-	-	1	2	4	13	
Upper Holloway } - - N.	98,273	63	85	12	26	-	2	-	-	2	-	-	-	1	3	5	43	-	
WWWwHH																			
Islington South-west H - - N.	107,365	66	43	10	12	-	2	-	-	3	-	-	-	1	-	4	-	-	
Islington South-east - - N.	66,549	37	25	5	10	-	-	-	-	2	-	-	-	-	1	1	-	-	
Highbury HH - - N.	64,577	40	17	4	5	-	-	-	-	1	-	-	-	-	1	2	1	-	
Stoke Newington H - - N.	33,485	18	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
North Hackney - - E. & N.		22	18	1	11	-	-	-	-	-	-	-	-	-	-	-	-	-	
Central Hackney ww - - E. & N.		23	21	4	2	-	1	9	1	-	-	-	-	-	-	1	11	-	
South-west Hackney HHH E. & N.	213,044	40	19	2	3	-	-	-	-	-	-	-	-	-	-	5	4	-	
South-east Hackney WwH E. & N.		41	31	8	11	-	-	-	-	-	-	-	-	-	2	5	13	-	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received; w—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

See note \* on second page of this Return

5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 11th February, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation.  1896.	Total BIRTHS.	The DEATHS registered during the Week include															Deaths in Public Institutions	Causes of Death.
			Total DEATHS	Deaths from										Inquest Cases.					
				Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Fever.		Diarrhoea.	Violence			
CENTRAL DISTRICTS.																			
George Bloomsbury - - N.	16,110	3	5	-	4	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Miles South WH - - N.	12,976	20	6	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Miles North H - - N.	3,151	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Martin-in-the-Fields HHN. & C.	13,077	3	8	1	1	-	-	-	-	-	-	-	-	-	-	-	1	2	5
and WHH - - N.	11,839	4	14	2	1	-	-	-	-	-	-	-	-	-	-	-	2	2	7
and Union Workhouse, Edmonton	†1,037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Martin's Church, W	31,042	16	25	9	8	-	-	-	-	-	-	-	-	-	-	-	-	3	12
James Clerkenwell - - N.	15,777	20	5	3	1	-	-	-	-	-	-	-	-	-	-	-	2	2	-
St. Andrew's Church, W	34,356	24	16	4	5	-	-	-	-	-	1	1	-	-	-	-	-	2	-
St. Andrew's Church, W	16,069	10	8	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	29,697	35	14	4	1	-	-	-	-	-	-	-	-	-	-	-	1	2	1
St. Andrew's Church, W	7,595	8	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	4,035	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	†892	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-
St. Andrew's Church, W	6,870	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	3,299	1	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	9,591	3	12	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	12
St. Andrew's Church, W	9,059	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-
St. Andrew's Church, W	2,892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	†388	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EAST DISTRICTS.																			
St. Andrew's Church, W	17,975	13	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
St. Andrew's Church, W	29,575	21	13	1	7	-	-	-	-	-	-	-	-	-	-	-	-	2	8
St. Andrew's Church, W	27,645	18	8	1	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-
St. Andrew's Church, W	47,163	40	30	7	9	-	1	-	-	-	1	-	-	-	-	-	-	2	14
St. Andrew's Church, W	49,301	46	10	4	1	-	-	-	2	-	-	-	-	-	-	-	-	1	-
St. Andrew's Church, W	34,194	28	10	4	2	-	-	-	-	-	-	-	-	-	-	-	1	2	-
St. Andrew's Church, W	45,667	32	28	5	10	-	-	-	-	-	-	-	-	-	-	-	1	4	17
St. Andrew's Church, W	26,681	32	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	51,995	25	37	6	5	-	-	-	-	-	-	-	-	-	-	-	1	2	29
St. Andrew's Church, W	39,576	37	12	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	7,930	6	12	-	5	-	-	-	-	-	-	-	-	-	-	-	1	3	-
St. Andrew's Church, W	10,434	4	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4
St. Andrew's Church, W	14,954	16	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	32,917	32	9	2	-	-	-	-	-	-	-	-	-	-	-	-	1	4	-
St. Andrew's Church, W	26,681	32	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	51,995	25	37	6	5	-	-	-	-	-	-	-	-	-	-	-	1	2	29
St. Andrew's Church, W	39,576	37	12	7	2	-	-	-	-	-	1	-	-	-	-	-	1	3	-
St. Andrew's Church, W	7,930	6	12	-	5	-	-	-	-	-	-	-	-	-	-	-	-	2	8
St. Andrew's Church, W	10,434	4	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4
St. Andrew's Church, W	14,954	16	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	32,917	32	9	2	-	-	-	-	-	-	-	-	-	-	-	-	1	4	-
St. Andrew's Church, W	26,681	32	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	51,995	25	37	6	5	-	-	-	-	-	-	-	-	-	-	-	1	2	29
St. Andrew's Church, W	39,576	37	12	7	2	-	-	-	-	-	1	-	-	-	-	-	1	3	-
St. Andrew's Church, W	7,930	6	12	-	5	-	-	-	-	-	-	-	-	-	-	-	-	2	8
St. Andrew's Church, W	10,434	4	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4
St. Andrew's Church, W	14,954	16	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	32,917	32	9	2	-	-	-	-	-	-	-	-	-	-	-	-	1	4	-
St. Andrew's Church, W	26,681	32	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	51,995	25	37	6	5	-	-	-	-	-	-	-	-	-	-	-	1	2	29
St. Andrew's Church, W	39,576	37	12	7	2	-	-	-	-	-	1	-	-	-	-	-	1	3	-
St. Andrew's Church, W	7,930	6	12	-	5	-	-	-	-	-	-	-	-	-	-	-	-	2	8
St. Andrew's Church, W	10,434	4	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4
St. Andrew's Church, W	14,954	16	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	32,917	32	9	2	-	-	-	-	-	-	-	-	-	-	-	-	1	4	-
St. Andrew's Church, W	26,681	32	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	51,995	25	37	6	5	-	-	-	-	-	-	-	-	-	-	-	1	2	29
St. Andrew's Church, W	39,576	37	12	7	2	-	-	-	-	-	1	-	-	-	-	-	1	3	-
St. Andrew's Church, W	7,930	6	12	-	5	-	-	-	-	-	-	-	-	-	-	-	-	2	8
St. Andrew's Church, W	10,434	4	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4
St. Andrew's Church, W	14,954	16	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	32,917	32	9	2	-	-	-	-	-	-	-	-	-	-	-	-	1	4	-
St. Andrew's Church, W	26,681	32	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	51,995	25	37	6	5	-	-	-	-	-	-	-	-	-	-	-	1	2	29
St. Andrew's Church, W	39,576	37	12	7	2	-	-	-	-	-	1	-	-	-	-	-	1	3	-
St. Andrew's Church, W	7,930	6	12	-	5	-	-	-	-	-	-	-	-	-	-	-	-	2	8
St. Andrew's Church, W	10,434	4	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4
St. Andrew's Church, W	14,954	16	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	32,917	32	9	2	-	-	-	-	-	-	-	-	-	-	-	-	1	4	-
St. Andrew's Church, W	26,681	32	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	51,995	25	37	6	5	-	-	-	-	-	-	-	-	-	-	-	1	2	29
St. Andrew's Church, W	39,576	37	12	7	2	-	-	-	-	-	1	-	-	-	-	-	1	3	-
St. Andrew's Church, W	7,930	6	12	-	5	-	-	-	-	-	-	-	-	-	-	-	-	2	8
St. Andrew's Church, W	10,434	4	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4
St. Andrew's Church, W	14,954	16	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	32,917	32	9	2	-	-	-	-	-	-	-	-	-	-	-	-	1	4	-
St. Andrew's Church, W	26,681	32	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	51,995	25	37	6	5	-	-	-	-	-	-	-	-	-	-	-	1	2	29
St. Andrew's Church, W	39,576	37	12	7	2	-	-	-	-	-	1	-	-	-	-	-	1	3	-
St. Andrew's Church, W	7,930	6	12	-	5	-	-	-	-	-	-	-	-	-	-	-	-	2	8
St. Andrew's Church, W	10,434	4	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4
St. Andrew's Church, W	14,954	16	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	32,917	32	9	2	-	-	-	-	-	-	-	-	-	-	-	-	1	4	-
St. Andrew's Church, W	26,681	32	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	51,995	25	37	6	5	-	-	-	-	-	-	-	-	-	-	-	1	2	29
St. Andrew's Church, W	39,576	37	12	7	2	-	-	-	-	-	1	-	-	-	-	-	1	3	-
St. Andrew's Church, W	7,930	6	12	-	5	-	-	-	-	-	-	-	-	-	-	-	-	2	8
St. Andrew's Church, W	10,434	4	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4
St. Andrew's Church, W	14,954	16	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	32,917	32	9	2	-	-	-	-	-	-	-	-	-	-	-	-	1	4	-
St. Andrew's Church, W	26,681	32	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew's Church, W	51,995	25	37	6	5	-	-	-	-	-	-	-	-	-	-	-	1	2	29
St. Andrew's Church, W																			





6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA: POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 11th February, 1899.

The DEATHS registered in the Week include																		
REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	Deaths of		Deaths from											
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unspecified Causes of Death.	
LONDON—OUTER RING	363,749	1,422,063	1086	565	115	203	-	9	4	22	17	2	3	26	45	84	7	
Carshalton wHH	12,228	26,108	15	10	1	4	-	-	-	-	-	-	-	1	3	-	-	
Epsom, part of* WwHH	10,423	12,508	8	4	1	3	-	1	-	-	-	-	-	-	-	2	-	
Godstone, part of* W	2,754	1,598	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Croydon WwHHH	20,851	128,699	86	47	11	22	-	-	-	1	1	-	-	3	4	16	-	
Mitcham w	11,697	23,072	15	9	5	1	-	-	-	-	2	-	-	-	-	-	-	
Wimbledon HHH	3,220	25,777	12	5	2	1	-	-	-	-	1	-	-	-	-	-	-	
Kingston WH	-	33,566	23	11	2	6	-	-	-	-	-	-	-	-	-	-	-	
Surrebiton H-	-	12,178	7	6	1	3	-	-	-	-	-	-	-	-	-	1	-	
Esher, part of* HH	-	11,080	4	5	1	2	-	-	-	-	-	-	-	-	-	-	-	
Hampton HL	-	18,252	11	6	1	4	-	-	-	-	-	-	-	-	-	-	1	
Richmond WH	2,160	25,339	6	15	3	9	-	-	-	-	1	-	-	1	1	3	-	
Mortlake H	2,823	16,159	12	2	2	-	-	-	-	-	-	-	-	-	-	-	-	
Bromley HHH	9,127	23,815	14	5	1	1	-	-	-	1	-	-	-	2	2	2	-	
Beckenham H	6,542	21,969	7	3	-	2	-	-	-	-	-	-	-	-	-	-	-	
Chislehurst, part of* WHH	14,307	20,372	14	6	-	3	-	-	-	-	-	-	-	-	-	3	-	
Bexley HHH	12,540	30,590	25	11	3	2	-	1	-	-	1	-	-	-	1	-	1	
Dartford WH, part of*	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	
Sunbury w	11,054	13,671	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	
Staines WH	13,277	13,221	12	4	-	3	-	-	-	-	-	-	-	-	-	-	-	
Hillingdon WHH	6,035	12,237	2	7	1	4	-	-	-	-	-	-	-	-	-	1	-	
Uxbridge	12,757	7,253	3	4	-	2	-	-	-	-	-	-	-	-	-	-	-	
Hayes wH	7,952	11,051	10	6	2	2	-	-	-	-	-	-	-	-	-	-	-	
Isleworth WHH	6,967	26,004	19	21	4	10	-	-	-	2	-	-	-	1	1	11	-	
Twickenham HH	2,415	16,027	7	8	-	3	-	-	-	-	-	-	-	1	1	-	-	
Brentford HHHH	4,318	37,777	26	7	1	3	-	-	-	-	-	-	-	-	1	1	-	
Chiswick	1,245	21,963	15	5	-	1	-	-	-	-	-	-	-	-	-	-	-	
Acton WHH	6,132	30,945	36	9	5	1	-	-	-	-	-	-	-	-	1	-	1	
Harrow HHH	13,809	15,715	18	6	2	4	-	-	-	-	-	-	-	-	-	-	-	
Edgware HH	6,994	8,344	-	3	-	2	-	-	-	-	-	-	-	-	-	-	-	
Willesden HHH	4,383	61,265	76	25	3	7	-	2	1	-	-	-	-	-	-	2	-	
Hendon WH	8,382	15,843	11	8	-	7	-	-	-	-	-	-	-	-	-	4	-	
South Mimms HH	-	6,367	3	2	-	1	-	-	-	-	-	-	-	-	1	1	-	
Barnet WHH	21,077	14,152	5	8	1	4	-	-	-	-	-	-	-	1	1	3	-	
Finchley HHH	4,658	25,320	13	8	-	7	-	-	-	1	-	-	-	-	-	-	-	
Hornsey HH	3,039	61,097	31	19	4	8	-	-	-	-	2	-	-	-	3	-	-	
Tottenham HH	4,642	97,174	71	27	5	11	-	-	-	-	2	-	-	1	2	-	-	
Edmonton WwW	7,489	36,351	33	12	4	2	-	-	-	-	-	-	-	-	2	1	-	
Enfield WWHH	12,602	31,536	23	14	2	7	-	-	-	-	2	-	1	-	-	4	-	
Waltham Abbey	11,017	6,066	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cheshunt H	8,480	9,620	5	4	-	1	-	-	-	-	1	-	-	1	1	1	-	
Hatfield, part of* W	3,306	582	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bushey H	9,331	7,737	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Watford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Stratford H	-	38,612	37	18	3	6	-	-	1	-	1	-	-	1	2	3	2	
Plaistow WHHH	-	53,030	48	34	9	7	-	5	1	4	2	-	-	1	2	3	1	
Canning Town H	-	54,750	45	23	6	9	-	-	-	-	-	-	-	1	2	2	-	
Forest Gate w	-	53,511	28	15	3	3	-	1	-	-	-	-	-	-	-	1	-	
East Ham wH	3,266	32,713	58	22	8	4	-	-	-	-	1	1	-	-	1	-	-	
Leyton WWHH	4,334	70,138	51	36	5	13	-	1	-	-	2	1	-	-	1	11	-	
Walthamstow HHL	6,501	57,330	63	25	9	6	-	-	-	-	2	-	-	-	1	2	-	
Chigwell, part of* HHHH	11,779	12,941	4	5	1	2	-	-	-	-	-	-	-	-	-	-	1	
Epping WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Romford, part of* WH	6,556	4,324	2	2	-	1	-	-	-	-	-	-	-	-	-	-	2	
Ilford	8,493	10,913	8	5	1	2	-	-	-	1	-	-	-	-	-	-	-	
Barking Town, H	3,314	14,301	23	11	2	-	-	-	-	-	-	-	-	9	9	-	-	
Homerton Fever Hosp.	-	-	-	3	-	-	-	-	-	-	3	-	-	-	-	-	3	
Middlesex Co. Lunatic Asy., Wandsworth.	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	2	
South-Eastern Fever Hosp., Deptford.	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	

the parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Waringham Parley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,232); 41: 3, Chislehurst sub-district, except the parishes of Chislefield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in old sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (1,079); 189: 1, the parish of Darentham in Romford sub-district; also deaths in Workhouses and Hospitals for Contagious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.



TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 11th February, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Deaths in Public Houses.
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10	11.	12.	13.	14.	15.	16		
GREATER LONDON	443,421	6,528,434	20·4	1·7	2556	545	798	-	30	11	71	62	22	18	95	67		
INNER LONDON -	74,672	4,546,752	22·8	1·8	1991	430	590	-	21	7	49	45	20	15	69	59		
OUTER RING -	368,749	1,981,682	14·9	1·5	565	115	208	-	9	4	22	17	2	3	26	8		

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.
EDINBURGH -	298,927	February 11	135	159	27·7	-	4	-	4	7	1	5
GLASGOW -	733,903	" 11	442	494	35·0	-	6	3	3	15	4	7
DUBLIN -	349,594	" 11	198	212	31·6	-	-	1	1	2	4	7
CALCUTTA -	466,460	December 17	-	-	-	-	-	-	-	-	-	-
BOMBAY -	821,764	January 24	244	1421	89·9	2	30	-	-	-	582†	101
MADRAS -	452,518	" 6	340	388	44·5	1	3	?	?	?	38	113
PARIS -	2,511,629	February 4	1249	978	20·2	1	15	2	9*	14	12	36
BRUSSELS -	551,011	" 4	271	212	20·0	-	11	1	2*	2	1	8
AMSTERDAM -	512,758	January 28	317	145	14·8	-	2	-	2	4	-	-
ROTTERDAM -	306,439	" 28	217	91	15·3	-	-	1	3	3	2	-
THE HAGUE -	196,325	" 28	122	56	14·6	-	-	-	-	2	-	-
COPENHAGEN -	345,000	February 4	190	116	17·5	-	3	-	1	3	1	2
STOCKHOLM -	283,550	January 28	135	152	27·9	-	4	1	13*	1	-	3
CHRISTIANIA -	209,337	February 4	158	134	34·3	-	1	-	1	1	-	4
ST. PETERSBURG	1,132,677	January 28	567	613	28·2	1	5	6	19	8	14	66
MOSCOW -	988,610	" 28	-	491	25·9	2	9	5	-	3	6	36
BERLIN -	1,805,054	" 21	917	618	17·5	-	8	9	16	11	2	39
HAMBURG -	675,351	February 4	-	189	14·6	-	-	1	1*	2	-	9
DRESDEN -	388,300	December 24	240	134	16·3	-	1	-	1	3	1	5
BRESLAU -	406,012	February 4	-	166	21·3	-	1	1	2	2	1	20
MUNICH -	445,000	" 4	-	-	-	-	-	-	-	-	-	-
VIENNA -	1,806,629	" 4	913	657	21·3	-	8	6	16*	6	2	32
PRAGUE -	380,497	January 28	196	196	26·8	-	6	4	7	-	1	7
BUDA-PESTH -	666,723	" 28	525	283	22·1	1	3	4	2	5	8	7
TRIESTE -	165,913	" 28	107	107	33·5	-	-	2	3*	1	2	4
ROME -	500,610	" 21	266	180	18·8	-	-	1	2	2	4§	10
TURIN (10 days)	344,203	" 10	-	-	-	-	-	-	-	-	-	-
VENICE -	169,833	" 28	87	79	24·2	-	2	-	2*	2	-	2
CAIRO -	570,062	-	-	-	-	-	-	-	-	-	-	-
ALEXANDRIA -	319,766	-	-	-	-	-	-	-	-	-	-	-
NEW YORK (including BROOKLYN)	3,550,053	January 21	-	-	-	-	-	-	-	-	-	-
PHILADELPHIA -	1,266,832	" 28	-	-	-	-	-	-	-	-	-	-

\* Including deaths from croup.

† Including 456 deaths from plague.

‡ Including 3 deaths from cholera.

§ Including 2 deaths from malarial fever.

1899.		Phases of the Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32° Fahrhenheit).	TEMPERATURE.				Difference between the Air Temperature and Dew Point.				Degree of Humidity (ratio equals 100).	Of Radiation.		Of the Earth 3 feet below the Surface.		Wind as deduced from Anemometers.		Rain collected from Gauge whose receiving surface is 50 inches above the Ground.	Ozone.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				Of the Air.				Of the Dew Point.		Of the Air Temperature and Dew Point.			Pressure on the Square Foot.		Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
				High- est.	Low- est.	Daily Range.	Mean daily value.	De- parture from Average value.	Mean daily value.	Great- est.	Least.		A.M.	P.M.	Great- est.	Least.	Mean hourly obs.	Horizontal Movement of Air on each Day.			Depart- ment from Average of 16 Years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; the results apply to the civil day, or from midnight to midnight.

Observations have been applied to the readings to reduce to sea level. The wet bulb thermometers are usually taken at 9 h. A.M., 1 noon, 3 p.m., and 9 p.m. The mean of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are considered the mean daily values by the application of corrections deduced from tests made on the photographic records during the twenty years extending 1873 for the barometer and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glashier's Hygrological Tables.

The average temperature of the air is that derived from a discussion of the observations made at Green wich during the 50 years ending 1880, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875. In reading columns 8 and 24 it will be borne in mind that + indicates "*higher*," and "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; W. weak; M. moderate; S. strong; and V. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29.56 in. at the beginning of the week to 29.32 in. by 10 h. A.M. on the 6th; increased to 29.63 in. by 10 h. A.M. on the 8th; decreased to 29.19 in. by 11 h. P.M. on the 6th; increased to 29.39 in. by 11 h. A.M. on the 9th; decreased to 29.27 in. by 4 h. P.M. on the same day, increased to 29.49 in. by 1 h. A.M. on the 10th and decreased to 29.19 in. by the end of the week.

## GENERAL REMARKS.

DATE.		Eclipsity. (For explanation of symbols, see Note.)	Registered Sun above Horizon, in hours.	
FEBRUARY.				
SUNDAY	- 5	m. P. till 4h. A.M.; w. P. and v. N. till noon; w. P. after- wards; w. P. after-	0'0	9'4
MONDAY	- 6	w. P. till 3h. P.M.; w. P. and v. N. till 9h. P.M.; w. P. after- wards; w. P. throughout	0'0	9'4
TUESDAY	- 7	w. P. throughout	2'8	9'4
WEDNESDAY	- 8	w. P. and w. N. throughout.	0'0	9'5
THURSDAY	- 9	w. P. generally; occasional v. N.	0'6	9'6
FRIDAY	- 10	w. P. throughout	5'8	9'3
SATURDAY	- 11	w. P. till noon; w. P. with occasional v. N. after wards,	1'3	9'7
			Sum 10'5	Sum 66'6
No. of Col. -	-	27	28	29



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1899.

## WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

## THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 7. 1899. VOL. LX.] WEEK ENDING SATURDAY, FEB. 18. [Price 1½d.

General Register Office, Somerset House,  
February 20th, 1899.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 19·5 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Jan. 28.	Feb. 4.	Feb. 11.	Feb. 18.		Jan. 28.	Feb. 4.	Feb. 11.	Feb. 18.
33 Great Towns	17·0	19·5	21·9	19·5	Leicester -	16·6	15·8	16·3	10·5
Birkenhead -	18·1	22·6	19·5	25·4	Liverpool -	23·3	25·2	30·5	27·9
Birmingham -	16·0	22·2	22·2	17·8	London -	15·8	19·4	22·8	19·3
Blackburn -	15·4	15·8	16·6	16·6	Manchester -	18·5	23·2	25·0	23·4
Bolton -	19·0	19·6	24·4	17·7	Newcastle-on-Tyne	16·9	23·5	19·4	21·4
Bradford -	17·9	16·6	17·0	17·9	Norwich -	18·9	14·3	15·7	15·2
Brighton -	17·3	13·1	14·0	16·5	Nottingham -	18·1	17·6	24·4	17·2
Bristol -	17·1	15·8	21·8	17·9	Oldham -	18·0	22·1	25·2	20·4
Burnley -	16·6	18·0	11·1	16·6	Plymouth -	23·8	15·5	20·2	20·7
Cardiff -	12·9	15·7	16·8	14·9	Portsmouth -	15·6	19·1	20·0	14·5
Croydon -	13·5	11·0	15·1	15·5	Preston -	22·6	22·2	32·4	28·8
Derby -	18·6	18·6	20·1	20·1	Salford -	16·2	19·8	22·7	27·7
Gateshead -	18·1	24·5	18·1	21·5	Sheffield -	18·3	20·8	19·6	20·5
Halifax -	14·4	22·4	20·3	20·3	Sunderland -	22·2	27·2	27·9	23·6
Huddersfield -	17·6	13·1	16·1	12·1	Swansea -	21·6	21·1	22·1	19·1
Hull -	16·7	14·5	16·2	14·9	West Ham -	12·0	15·5	16·3	16·3
Leeds -	16·6	18·8	20·9	18·3	Wolverhampton -	18·2	22·9	20·0	20·0

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·3 in Manchester; from *whooping-cough*, 1·1 in Cardiff, 1·3 in Nottingham, 1·4 in Sunderland, 1·6 in Halifax, and 2·3 in Birkenhead; from "*fever*," 1·0 in Gateshead; and from *diarrhœa*, 1·0 in Gateshead. In none of the thirty-three towns did the death-rate from *scarlet fever* reach 1·0 per 1000. The 88 deaths from *diphtheria* included 40 in London, 8 in Sheffield, 5 in West Ham, 5 in Swansea, 4 in Birmingham, 4 in Liverpool, 3 in Birkenhead, and 3 in Leeds. No death from *small-pox* was registered in any of the thirty-three towns.

## LONDON.

In LONDON† 2362 BIRTHS and 1686 DEATHS were registered. . . . . Allowing for increase of population, the births were 125 above, and the deaths 151

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.



below, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 15·8, 19·4, and 22·8 in the preceding three weeks, declined again last week to 19·3. During the four weeks ending on Saturday last the death-rate averaged 19·3 per 1000, being 2·1 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1686 deaths included 27 from measles, 4 from scarlet fever, 40 from diphtheria, 38 from whooping-cough, 16 from enteric fever, 11 from diarrhoea and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 136 deaths were referred to these diseases, being 50 below the corrected average weekly number.

The deaths from *measles*, which had been 21, 22, and 21 in the preceding three weeks, rose again last week to 27, but were 17 below the corrected average; 5 cases belonged to Clerkenwell, 4 to Bethnal Green, and 4 to Poplar sanitary areas. The deaths from *scarlet fever*, which had been 12, 8, and 7 in the preceding three weeks, further fell last week to 4, the corrected average being 17. The deaths from *diphtheria*, which had been 31, 32, and 49 in the preceding three weeks, fell again last week to 40, and were equal to the corrected average; 4 cases belonged to Kensington, 3 to Hackney, 3 to Mile End Old Town, 3 to St. George Southwark, and 3 to Battersea sanitary areas. The deaths from *whooping-cough*, which had been 36, 50, and 45 in the preceding three weeks, further fell last week to 38, and were 26 below the corrected average; 4 cases belonged to Paddington, 3 to St. Pancras, 3 to Poplar, and 3 to Newington sanitary areas. The fatal cases of *enteric fever*, which had been 15, 10, and 20 in the preceding three weeks, fell last week to 16, but were 7 above the corrected average; 2 cases belonged to St. Marylebone, and 2 to London City sanitary areas. The deaths from *diarrhoea*, which had been 8, 10, and 15 in the preceding three weeks, fell last week to 11, the corrected average being 12. The deaths referred to diseases of the respiratory organs, which had been 266, 348, and 481 in the preceding three weeks, fell last week to 413, and were 60 below the corrected average. The deaths attributed directly to *influenza* numbered 74, having been 21, 22, and 50 in the preceding three weeks.

Different forms of violence caused 79 deaths, concerning all but 2 of which inquests were held. Of these 79 deaths, 9 were cases of suicide, while the remaining 70 were attributed to accident or negligence. Three of these were referred to vehicles in the streets, 7 to burns and scalds, 4 to drowning, 1 to the effects of chloroform administered for surgical purposes, and 17 (of infants under one year of age) to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS\*.

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2587 cases of scarlet fever, 1403 of diphtheria, and 231 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 202 cases, against 220, 265, and 253; of diphtheria, 179 cases, against 189, 184, and 177; and of enteric fever, 30 cases, against 29, 13, and 42.

#### GREATER LONDON.

In Greater London 3972 births and 2270 deaths were registered, corresponding to annual rates of 31·7 and 18·1 per 1000 of the estimated population. In the Outer Ring 11 deaths from measles, 2 from scarlet fever, 18 from diphtheria, 16 from whooping-cough, 2 from "fever," and 5 from diarrhoea were registered. Seven deaths from measles, 10 from diphtheria, and 8 from whooping-cough occurred in West Ham district; 3 deaths from diphtheria occurred in Hendon district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·56 inches, and that of the Thermometer 45·6; the latter being 6°·3 above the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 22 per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 22·0 hours; the measured rainfall amounted to 0·72 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found afterwards in the Hospital to have been erroneous.

CITIES AND BOROUGH.	POPULATION estimated to the middle of 1895.		Registered during the week ending 15th January 1896.		The Deaths registered in the week include										TEMPERATURE OF THE AIR.										RAINFALL.		CITIES AND BOROUGH.																																																																																																																																																																																																																																																																																																																																																																																																																								
	1.	2.	3.	Deaths of		Deaths from						Violence.	Lungual Cases.	Deaths in Public Institutions.	Unclassified Causes of Death.	From All Causes.				Annual Rate per 1000, corresponding to the Week's Deaths.		Inches.	In Cent.																																																																																																																																																																																																																																																																																																																																																																																																																												
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Typhoid.					Fever.	Diarrhoea.	Faint.	Faint.	Faint.	Faint.			Faint.	Faint.	Faint.		Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.	Faint.

\* See note # on first page of this return



TABLE 2. LONDON.—Births and Deaths Registered in the SEVENTH Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2511	2793	2655	2233	2762	2602	2737	2575	2621	2527	2737.2	2362
Males - - -	1334	1431	1347	1150	1339	1300	1402	1336	1319	1244	1398.5	1465
Females - -	1177	1332	1308	1033	1363	1302	1335	1239	1302	1283	1338.7	1397
<b>TOTAL Deaths</b>	1516	1809	1762	1693	1556	1552	2467	1727	1524	1856	1837.2	1686
Males - - -	744	904	940	866	767	734	1203	869	757	918	924.0	806
Females - -	772	905	822	827	789	763	1264	858	737	938	913.2	880

\*The numbers in this column are the average weekly numbers in the seventh week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Nov. 26.	Dec. 3.	Dec. 10.	Dec. 17.	Dec. 24.	Dec. 31.	Jan. 7.	Jan. 14.	Jan. 21.	Jan. 28.	Feb. 4.	Feb. 11.	Feb. 18.
<b>TOTAL Births</b>	2155	2575	2577	2519	2422	2215	2893	2435	2811	2686	2696	2802	2862
<b>TOTAL Deaths</b>	1439	1539	1447	1423	1470	1593	1660	1568	1503	1381	1690	1991	1686
Under 1 year - -	320	362	239	286	202	339	325	320	289	284	330	430	328
1-5 years - - -	187	203	166	176	189	188	175	177	169	163	191	210	201
5-20 " - - -	95	78	77	88	100	95	78	67	78	67	78	109	101
Ages at Death { 20-40 " - - -	198	190	196	174	213	188	224	223	220	167	224	252	204
40-60 " - - -	287	297	320	317	292	354	390	331	327	298	358	399	321
60-80 " - - -	302	349	331	303	316	350	396	340	341	305	417	472	426
80 years and upwards	80	90	68	79	68	79	78	84	79	72	92	119	105
Deaths from—													
Small pox - - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles - - -	24	25	22	31	24	31	27	27	30	21	22	21	27
Scarlet Fever - -	7	9	11	8	14	12	11	8	8	12	8	7	4
Diphtheria - - -	38	43	43	40	46	47	30	34	30	31	32	49	40
Whooping-cough -	16	28	22	26	21	32	41	37	40	36	50	45	38
Typhus - - -	-	-	1	-	-	-	-	-	-	-	1	-	-
Enteric Fever - -	33	21	26	19	21	15	17	10	16	15	10	20	16
Simple Continued Fever	-	-	-	-	-	1	-	-	-	-	-	-	-
Diarrhoea and Dysentery	6	17	19	13	19	14	13	11	10	8	10	15	11
Cholera - - -	1	-	-	-	-	-	-	-	-	-	-	-	-
All the above Diseases	125	143	144	135	145	162	139	127	134	123	133	157	136
Dis. of Respiratory System	280	340	295	283	284	303	365	363	295	266	348	481	413
Phtisis - - -	148	161	155	143	156	165	163	179	154	144	188	192	154
Dis. of Circulatory System	145	145	140	123	136	157	166	152	153	121	165	194	156
Violence - - -	66	76	53	72	73	93	82	77	74	80	74	69	79
Inquest Cases - -	139	179	131	144	153	209	209	171	142	161	152	178	166
Deaths in Public Institutions	473	446	474	449	470	488	540	485	474	462	539	593	471
<b>TEMPERATURE OF THE AIR.</b>													
Mean - - -	41.7	42.1	46.4	48.0	49.1	43.3	42.0	45.0	47.4	38.2	36.5	47.4	48.6
Mean of Highest readings	45.2	47.6	52.7	51.9	45.3	43.1	44.9	50.7	51.9	43.2	40.1	51.7	51.7
Mean of Lowest readings	37.3	39.5	45.1	43.0	34.6	36.8	36.2	39.8	41.9	33.7	30.6	42.7	39.9
Humidity of the Air - -	90	85	83	83	80	84	87	83	84	80	83	83	83
Rain-fall (in inches) - -	1.88	0.26	1.31	0.00	0.02	0.81	0.24	1.03	1.00	0.08	0.18	1.19	0.72
Registered Sunshine (in hours)	7.0	5.6	6.7	0.8	12.9	14.0	5.6	20.3	3.3	35.8	7.4	10.5	22.0
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - - -	-	-	-	-	-	-	1	-	1	-	-	-	-
Scarlet Fever - - -	-	-	-	-	-	-	2777	2749	2679	2665	2642	2587	-
Diphtheria - - -	-	-	-	-	-	-	1256	1257	1304	1368	1377	1378	1403
Enteric Fever - - -	-	-	-	-	-	-	254	250	243	249	229	228	231

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.B., Brighton; A. W. Preston, Esq., F.R.Met.Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst.C.E., and P. Jobbier Esq., M.E., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peck, Hull.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &amp;c., registered in each SUB-DISTRICT during the Week ending Saturday, 18th February, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation. 1896.	Total Births.	Total Deaths	The DEATHS registered during the Week include														Deaths in Public Institutions	Un- certified Deaths.
				Deaths of		Deaths from													
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence	Inquest Cases.			
CENTRAL DISTRICTS.																			
St. George Bloomsbury - - N.	16,110	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South WH - - N.	12,976	17	4	1	1	-	-	-	-	-	-	-	-	-	-	-	1	5	-
St. Giles North H - - N.	2,151	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
St. Martin-in-the-Fields HHN. & C.	13,077	5	7	1	1	-	-	-	-	-	-	-	-	-	-	2	2	4	-
Strand WHH - - N.	11,839	8	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	3	-
Strand Union Workhouse, Edmonton	†1,037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Holborn vHHHHHHH - - N.	31,042	14	18	5	1	-	-	-	1	1	-	-	-	-	-	1	2	8	-
St. James Clerkenwell - - N.	15,777	11	4	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Amwell Clerkenwell - - N.	34,356	21	13	3	6	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Goswell-street - - N.	16,069	9	8	2	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
City-road HHHL - - N.	29,597	37	14	4	1	-	-	-	-	-	-	-	-	-	1	1	4	2	-
Whitecross-street - - N.	7,595	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Finsbury - - N.	4,035	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Holborn Union Workhouse, } Mitcham - - - - - }	†692	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	3	-
St. Botolph H - - N. & E.	6,870	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Cripplegate - - N.	3,299	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre WH - - N.	9,591	4	20	3	1	-	1	-	-	-	-	5	-	-	-	2	2	14	-
Allhallows Barking - - N.	9,059	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Broad Street H - - N.	2,892	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
City of London Asylum, Stone - -	†388	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EAST DISTRICTS.																			
Shoreditch South Hl - - E. & N.	17,975	8	12	4	2	-	1	-	-	-	-	-	-	-	1	-	1	4	-
Hoxton New Town w - - N.	29,575	24	11	5	2	-	-	-	-	-	-	-	-	-	-	-	4	-	-
Hoxton Old Town - - N.	27,645	27	9	6	2	-	-	-	-	-	-	-	-	-	-	-	3	-	-
Haggerston WH - - N. & E.	47,163	49	25	7	10	-	1	-	1	2	-	1	-	-	-	2	2	12	-
Bethnal Green North H - - E.	49,301	31	13	6	1	-	2	-	-	-	-	-	-	-	-	1	3	-	-
Bethnal Green South - - E.	34,194	28	14	2	7	-	2	-	-	-	-	-	-	-	-	-	4	-	-
Bethnal Green East WHl - - E.	45,667	28	25	4	10	-	-	-	1	-	-	-	-	-	2	-	-	13	-
Spitalfields - - E. & N.	26,681	13	7	2	3	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Mile End New Town* WH - - E.	51,995	24	43	2	4	-	-	-	2	-	-	1	-	-	-	5	6	34	-
Goodman's Fields* - - E.		8	10	1	3	-	-	-	-	-	-	-	-	-	1	1	-	-	-
St. George's North - - E.	39,576	34	9	1	3	-	-	-	-	1	-	-	-	-	-	-	-	-	-
St. John, St. George East W E.	7,930	7	14	1	4	-	-	-	-	-	-	-	-	-	-	-	1	10	-
Shadwell H - - E. & N.	10,434	5	9	6	1	-	-	-	-	-	-	-	-	-	1	1	2	2	-
Ratcliff W - - E.	14,954	17	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Limehouse - - E.	32,917	26	11	6	1	-	-	-	1	-	-	-	-	-	-	1	2	-	-
Mile End Old Town West H E.	111,060	62	14	7	2	-	-	-	1	1	-	-	-	-	-	-	-	1	-
Mile End Old Town East } WWww }		36	31	9	13	-	-	-	-	-	-	-	-	-	-	-	-	11	-
Bow l - - E.	41,687	27	16	7	2	-	-	-	-	-	1	-	-	-	-	1	2	-	-
Bromley wwwH - - E.	69,821	44	44	10	13	-	1	-	-	2	-	-	-	-	-	5	8	14	-
Poplar WW - - E.	57,759	37	21	4	6	-	3	-	1	-	-	-	-	-	-	3	5	2	-

† Population in 1891, not included in the total population of the Central Districts or of London.

\* Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.



TABLE 5 LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 18th February, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation, 1896.	Total Births.	Total Deaths.	The DEATHS registered during the Week include															Deaths in Public Institutions	Uncertified Causes
				Deaths of	Deaths from															
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.			
SOUTH DISTRICTS.																				
Christchurch Southwark WH & S.	13,064	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Saviour Southwark - - S.	12,301	7	4	2	2	-	-	-	-	-	-	-	-	-	1	1	-	-		
Kent-road - - S. & L.	22,379	24	5	1	1	-	-	-	1	-	1	-	-	-	-	-	-	-		
Borough-road WH - - S. & L.	16,083	11	11	5	1	1	-	-	-	-	-	-	-	-	-	1	3	-		
London-road HL - - L. & S.	21,316	23	7	3	1	-	-	-	-	-	-	-	-	-	-	2	-	-		
Trinity Newington - - S. & L.	28,723	29	11	2	2	-	-	-	-	-	-	-	-	-	-	3	3	-		
St. Peter Walworth W - - S. & L.	62,045	48	20	6	3	-	1	-	-	-	2	-	-	-	1	2	1	-		
St. Mary Newington - - L. & S.	30,171	30	15	3	6	-	1	-	-	-	-	-	-	-	1	1	-	-		
St. Olave WH - - - S.	11,731	5	19	2	3	-	-	-	-	1	-	-	-	-	-	7	7	14		
Bermondsey W - - S.	85,475	82	41	10	17	-	-	-	-	1	1	-	-	-	-	-	10	-		
Rotherhithe WwH - - S. & K.	40,379	32	14	3	6	-	-	-	-	-	-	-	-	-	2	3	3	-		
Waterloo-road HH - - L. & S.	28,396	28	12	4	1	-	-	-	-	-	-	-	-	-	-	2	2	-		
Lambeth Church 1st H - - L. & S.	18,770	11	16	3	3	-	-	-	-	-	-	-	-	-	1	2	10	-		
Lambeth Church 2nd WW - - L. & S.	40,994	31	31	5	14	-	1	-	-	-	-	-	-	-	-	-	13	-		
Kennington 1st H - - S. & L.	52,486	39	17	5	5	-	-	-	-	1	-	-	-	-	-	-	-	-		
Kennington 2nd - - S. & L.	43,244	20	12	5	2	-	-	-	1	-	-	-	-	-	-	-	-	-		
Brixton w - - L. & S.	81,825	53	25	7	9	-	-	-	3	-	-	-	-	-	1	-	2	-		
Norwood WH - - - L.	29,318	25	9	1	8	-	-	-	-	-	-	-	-	-	-	-	-	-		
East Battersea - - - S.	71,730	56	16	5	4	-	-	-	-	-	-	-	-	-	-	1	4	-		
West Battersea WwH - - S.	93,385	67	33	6	14	-	-	-	-	-	-	-	-	-	3	6	12	-		
Clapham H - - - S.	46,953	25	13	2	8	-	-	-	-	-	-	-	-	-	1	1	1	-		
Wandsworth WHHL - - S.	58,101	38	23	7	10	-	-	-	-	1	-	-	-	-	1	1	2	-		
Putney - - - S.	20,566	11	5	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
Streatham WwwwL - - L.	61,644	44	17	2	7	-	-	-	1	1	-	-	-	-	-	1	3	-		
Dulwich - - - L. & S.	7,519	4	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Camberwell WwH - - S. & L.	90,286	60	35	4	13	-	-	-	-	-	-	-	-	-	-	-	21	-		
Peckham WW - - S., L. & K.	88,242	59	21	3	7	-	-	-	-	-	2	-	-	-	1	-	-	-		
St. George Camberwell - - L. & S.	67,029	59	15	1	3	-	-	-	-	2	-	-	-	-	2	3	-	-		
Deptford North - - - K.	36,152	26	6	-	3	-	-	-	-	1	-	-	-	-	-	2	-	-		
Deptford Central w - - K.	45,441	30	11	4	1	-	-	-	-	-	-	-	-	-	1	2	-	-		
Deptford South - - - K.	33,402	22	11	1	7	-	-	-	-	1	-	-	-	-	1	1	1	-		
Greenwich West H - - K.	23,012	22	5	1	2	-	-	-	-	-	1	-	-	-	-	1	1	2		
Greenwich East WH - - K.	37,767	28	19	4	6	-	-	-	-	-	-	2	-	-	1	1	12	-		
Eltham wH - - - K.	5,911	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
Lee H - - - K.	24,222	10	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lewisham WwH - - - K.	38,139	22	13	1	6	-	-	-	-	4	-	-	-	-	-	1	7	-		
Sydenham H - - - L.	37,601	18	9	-	4	-	-	-	-	-	-	-	-	-	1	1	1	-		
Charlton wHR - - - K.	15,928	11	10	2	1	-	3	-	1	-	-	-	-	-	-	-	1	1		
Woolwich Dockyard - - K.	19,355	11	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Woolwich Arsenal HHHH - - K.	21,959	16	7	4	1	-	-	-	-	-	-	-	-	-	-	1	1	-		
Plumstead West H - - K.	16,714	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Plumstead East WH - - K.	42,538	34	13	2	3	-	-	-	-	-	-	-	-	-	1	1	4	2		
Banstead Asylum - - -	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-		
Caterham Asylum - - -	-	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	3	-		
Cane Hill Asylum - - -	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
Hospital Ships and Camp, Dartford	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-		
Darenth Asylum - - -	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
London County Asylum, Dartford Heath	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hanwell Asylum - - -	-	-	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Colney Hatch Asylum - - -	-	-	3	-	2	-	-	-	-	-	-	-	-	-	-	-	3	-		
N.E. Hospital - - -	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-		
Winchmore Hill Hospital - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
Leavesden Asylum - - -	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-		
Claybury Asylum - - -	-	-	6	-	3	-	-	-	-	-	-	-	-	-	1	-	6	-		

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SEVENTH Week of the Year 1899.

CAUSES OF DEATH		Corrected Averages for the 7th Week 1889-98.	In the Week ending Saturday, 18th February 1899.										Corrected Averages for the 7th Week 1889-98.	In the Week ending Saturday, 18th February 1899.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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			Under 20.		20 and under 40.		40 and under 60.		60 and under 80.		80 years and upwards.			Under 20.		20 and under 40.		40 and under 60.		60 and under 80.		80 years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
CAUSES	1837-2	1686	328	201	101	204	321	426	105		Diseases of Circulatory System	155.8	156	1	3	16	17	44	64	11		Croup	6.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement." The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &amp;c., registered in each SUB-DISTRICT during the Week ending Saturday, 18th February, 1899.

REGISTRATION SUB-DISTRICTS.	Enu- me- rated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	The DEATHS registered during the Week include													
				Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON - - -	4,411,710	2862	1686	328	531	-	27	4	40	38	-	16	-	11	79	166	471
WEST DISTRICTS	778,251	394	289	49	90	-	2	-	6	11	-	3	-	2	8	20	84
NORTH DISTRICTS	1,040,694	606	361	50	128	-	4	2	10	6	-	4	-	1	16	35	97
CENTRAL DISTRICTS	233,635	142	107	20	19	-	5	-	1	1	-	5	-	2	6	14	39
EAST DISTRICTS	716,334	535	343	92	89	-	10	-	7	8	-	2	-	4	20	44	104
SOUTH DISTRICTS	1,642,796	1185	563	117	194	-	6	2	15	12	-	23	-	1	29	53	124
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*	-	-	23	-	11	-	-	-	1	-	-	-	-	1	-	-	23
WEST DISTRICTS.																	
St. Mary Paddington } G. & W.	90,996	43	33	7	11	-	-	-	-	4	-	-	-	-	2	3	3
WHH																	
St. John Paddington H - - G.	33,510	15	12	2	4	-	-	-	1	-	-	-	-	-	-	-	3
Kensington Town Ww - - W.	122,164	73	37	6	9	-	-	-	1	2	-	-	-	-	2	3	13
Brompton HH - - W. & C.	48,301	3	12	1	6	-	-	-	-	-	-	-	-	-	-	-	2
St. Peter Hammersmith - - W.	9,097	4	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith HHW. & G.	26,102	52	39	9	8	-	1	-	-	1	-	-	-	-	1	1	4
Fulham Ww - - W. & C.	113,781	97	40	7	10	-	1	-	4	1	-	2	-	1	1	2	15
Chelsea Kensal Town - - C.	21,450	14	7	4	2	-	-	-	-	-	-	-	-	-	2	-	-
Chelsea North WHHHHH - C.	42,067	15	25	1	9	-	-	-	-	2	-	-	-	1	-	3	13
Chelsea South HH - - C.	33,139	15	12	4	3	-	-	-	-	-	-	-	-	-	3	3	1
May Fair W - - - G.	23,827	5	13	-	7	-	-	-	-	-	-	-	-	-	-	-	11
Belgrave WHHH - - C.	56,140	30	22	3	11	-	-	-	-	1	-	-	-	-	1	1	5
St. John Westminster HH - C.	31,492	16	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Margaret Westminster H- C.	22,097	2	12	2	3	-	-	-	-	-	-	1	-	-	-	-	8
St. James Westminster } N. & G.	23,050	7	9	1	5	-	-	-	-	-	-	-	-	-	1	1	5
WHH																	
St. Anne Soho HHHHHH - N.	12,048	3	4	-	2	-	-	-	-	-	-	-	-	-	-	1	1
NORTH DISTRICTS.																	
All Souls Marylebone } - - W.	36,595	14	11	2	5	-	-	-	-	-	-	-	-	-	2	-	5
HHHHHHHHH																	
Rectory Marylebone W } G. & W.	19,798	7	7	-	4	-	-	-	-	-	-	-	-	-	-	2	2
St. Mary Marylebone } G. & W.	19,637	30	5	-	3	-	-	-	-	-	-	-	-	-	-	-	-
HHHH																	
Christchurch Marylebone H - W	32,547	11	8	1	3	-	-	-	-	-	-	1	-	-	-	-	-
St. John Marylebone HHH W.	32,611	19	6	-	1	-	-	-	1	-	-	-	-	-	-	-	-
Hampstead } - N. & W.	75,449	40	23	4	8	-	-	-	2	-	-	-	-	-	-	-	3
WvHHHH																	
Regent's Park Pancras HH - W.	37,341	12	13	2	6	-	-	-	-	-	-	-	-	-	-	1	1
Tottenham-court } - N. & W.	26,757	11	20	2	6	-	-	-	1	-	-	-	-	-	2	5	11
wHHHH																	
Gray's Inn Lane HHH - N.	29,426	20	10	1	3	-	-	-	-	-	-	-	-	-	1	1	3
Somers Town HH - - N.	32,161	25	10	1	3	-	1	-	-	1	-	-	-	-	1	-	2
Camden Town WH - - N.	16,669	15	12	2	8	-	-	-	-	-	-	1	-	-	1	1	7
Kentish Town WW - - N.	98,410	57	40	7	17	-	1	-	-	2	-	-	-	-	1	5	9
Upper Holloway } - - N.	98,273	47	54	4	20	-	1	-	-	1	-	-	-	-	-	1	35
WWvHHH																	
Islington South-west H - N.	107,365	72	32	6	10	-	1	-	1	1	-	-	-	-	1	2	-
Islington South-east - - N.	66,549	43	11	3	1	-	-	-	-	-	-	-	-	-	-	1	-
Highbury HH - - N.	64,577	24	17	2	8	-	-	-	-	-	-	-	-	-	1	1	-
Stoke Newington H - - N.	33,485	16	7	-	2	-	-	1	-	-	-	-	-	-	-	-	-
North Hackney - - E. & N.		27	16	4	4	-	-	-	1	-	-	-	-	-	-	3	-
Central Hackney ww - E. & N.		30	17	1	2	-	-	1	4	-	-	2	-	-	1	3	6
South-west Hackney HHH E. & N.	213,044	43	19	5	5	-	-	-	-	1	-	-	-	-	3	5	3
South-east Hackney WvH E. & N.		43	23	3	9	-	-	-	-	-	-	-	-	1	3	4	11

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received; w—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. Ea

See note † on first page of this Return

TABLE 6.—LONDON, —OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 18th February, 1899.

REGISTRATION DISTRICT AND SUB-DISTRICTS.		Area in Acres.	Enumerated Population, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													
						Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 15 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.	
LONDON—OUTER RING		368,749	1,422,063	1110	584	139	206	-	11	2	18	16	2	5	15	31	67	8	
1	Carshalton WHH -	12,228	26,108	19	6	3	2	1	-	-	-	-	-	-	-	-	-	-	
2	Epsom, part of* WWHH -	10,423	12,508	6	3	-	-	2	-	-	-	-	-	-	-	-	1	-	
7	Godstone, part of* W -	2,754	1,598	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
1	Croydon WWHH -	20,851	128,699	68	46	8	24	-	-	-	-	-	-	-	-	-	-	-	
2	Mitcham W -	11,697	23,072	12	7	1	3	-	-	-	-	2	-	-	3	4	15	-	
1	Wimbledon HHH -	3,220	25,777	23	6	1	1	-	-	-	-	-	-	-	-	-	-	-	
2	Kingston WH -	-	33,566	28	16	1	7	-	-	-	-	-	-	-	-	-	-	-	
3	Surbiton H -	-	12,178	6	3	1	2	-	-	-	-	-	-	-	-	-	6	-	
4	Esher, part of* HH -	-	11,080	12	5	1	2	-	-	-	-	1	-	-	-	-	-	-	
5	Hampton HL -	4,565	18,252	11	3	1	1	-	-	-	-	-	-	-	-	-	-	-	
1	Richmond WH -	2,160	25,389	12	9	-	7	-	-	-	-	-	-	-	-	-	-	-	
2	Mortlake H -	2,823	16,159	7	5	1	4	-	-	-	-	-	-	-	-	-	1	-	
1	Bromley HHH -	9,127	23,815	17	4	1	1	-	-	-	-	-	-	-	-	-	-	-	
2	Beckenham H -	6,542	21,969	19	10	3	6	-	-	-	-	-	-	-	-	-	-	-	
3	Chislehurst, part of* WWH	14,307	20,372	8	5	2	2	-	-	-	-	-	-	2	-	2	-	-	
1	Bexley HHH -	12,540	30,590	31	7	1	4	-	-	-	1	-	-	-	1	1	2	1	
2	Dartford WH, part of* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1	Sunbury W -	11,054	13,671	12	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
2	Staines WH -	13,277	13,221	7	6	2	3	-	-	-	-	-	-	-	-	-	-	-	
1	Hillingdon WWH -	6,035	12,237	6	4	1	2	-	-	-	-	-	-	-	-	-	-	-	
2	Uxbridge -	12,757	7,253	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes WH -	7,952	11,051	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
1	Isleworth WWH -	6,967	26,004	19	10	1	6	-	-	-	1	-	-	-	-	-	5	-	
2	Twickenham HH -	2,415	16,027	8	5	1	2	-	-	-	-	-	-	-	-	-	-	-	
3	Brentford HHHH -	4,318	37,777	21	16	3	7	-	-	-	1	-	1	-	1	1	2	-	
4	Chiswick -	1,245	21,963	13	13	-	9	-	-	-	-	1	-	-	-	-	-	-	
5	Acton WWH -	6,132	30,945	25	8	3	3	-	-	-	-	-	-	-	1	1	-	1	
1	Harrow HHH -	13,809	15,715	12	10	1	5	-	-	-	-	-	-	-	-	-	-	-	
2	Edgware HH -	6,994	3,844	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden HHH -	4,383	61,265	55	45	11	7	-	3	-	3	1	-	-	1	5	2	-	
4	Hendon WH -	8,382	15,843	11	3	1	1	-	-	-	-	-	-	-	-	-	-	-	
1	South Mimms HH -	-	6,367	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet WWH -	21,077	14,152	7	7	1	2	-	-	-	-	-	-	-	-	-	-	-	
3	Finchley HHH -	4,688	25,820	19	8	1	2	-	-	-	1	-	-	-	-	-	2	1	
1	Hornsey HH -	3,039	61,097	32	18	4	5	-	-	-	-	-	-	-	-	-	-	-	
2	Tottenham HH -	4,642	97,174	98	45	13	17	-	-	-	1	1	-	-	1	3	1	-	
3	Edmonton WWH -	7,489	36,351	31	15	2	6	-	1	-	-	-	1	-	3	-	-	-	
4	Enfield WWHH -	12,602	31,536	34	17	6	9	-	-	-	-	-	1	-	1	2	4	-	
5	Waltham Abbey -	11,017	6,066	5	2	-	-	-	-	-	-	-	-	-	-	1	-	-	
6	Cheshunt H -	8,480	9,620	9	5	1	1	-	-	-	-	2	-	-	1	1	-	-	
1	Hatfield, part of* W -	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Bushey H -	9,331	7,737	4	4	-	1	-	-	-	-	-	-	-	-	-	-	-	
1	Watford WH, part of* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1	Stratford H -	-	38,612	41	12	7	-	-	-	1	-	1	-	-	1	-	-	-	
2	Plaistow WWHH -	-	53,030	63	32	11	4	-	3	-	4	-	-	1	1	2	1	2	
3	Canning Town H -	4,706	54,750	35	26	11	1	-	2	-	-	-	-	-	-	-	-	-	
4	Forest Gate W -	-	53,511	43	15	1	7	-	-	-	1	-	1	-	1	1	-	1	
5	East Ham WWH -	3,266	32,713	41	19	6	5	-	1	-	-	2	1	-	-	-	-	-	
6	Leyton WWHH -	4,334	70,188	53	40	11	14	-	1	-	2	1	-	-	-	4	10	-	
7	Walthamstow HHL -	6,501	57,330	71	35	10	12	-	-	-	-	-	2	3	1	2	-	-	
1	Chigwell, part of* HHHH	11,779	12,941	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Epping WH, part of* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1	Romford, part of* WH -	6,556	4,324	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Ilford -	8,493	10,913	18	8	3	1	-	-	-	-	-	-	-	-	-	-	-	
3	Barking Town, H -	3,814	14,301	13	6	2	1	-	-	1	-	-	-	-	-	-	1	-	
Middlesex Co. Lunatic Asy., Wandsworth.		-	-	-	5	-	2	-	-	-	-	-	-	-	-	-	5	-	
London Co. Lunatic Asy., Cane Hill.		-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warrington Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in field sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for various Diseases belonging to the Outer Ring in 42: 2, Dartford, 187: 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.



TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 18th February, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include :									
			From All Causes.	From Diseases in Cols. 3-4.		Deaths of		Deaths from							
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
GREATER LONDON	443,421	6,528,434	18.1	1.5	2270	467	737	-	38	6	53	54	13	16	94
INNER LONDON -	74,672	4,546,752	19.3	1.6	1686	322	531	-	27	4	40	38	16	11	79
OUTER RING -	368,749	1,981,682	15.4	1.4	584	139	206	-	11	2	18	16	2	5	15

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,345 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMO DISEASES.					
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.
EDINBURGH -	298,927	February 18	143	150	26.1	-	2	1	1	10	-
GLASGOW -	733,903	" 18	478	452	32.0	-	5	7	1	11	6
DUBLIN -	349,594	" 18	181	183	27.3	-	-	-	2	4	2
CALCUTTA -	466,460	January 7	-	344	38.4	-	1	-	-	-	112
BOMBAY -	821,764	" 31	250	1559	98.7	3	44	?	?	?	664†
MADRAS -	452,518	" 13	271	372	42.7	-	5	?	?	?	43
PARIS -	2,511,629	February 11	1106	1087	21.5	1	26	1	12*	12	4
BRUSSELS -	551,011	" 11	262	225	21.6	-	11	-	3*	5	5
AMSTERDAM -	512,758	" 4	295	136	13.8	-	-	-	-	5	-
ROTTERDAM -	316,439	" 4	270	110	18.6	-	-	-	-	5	1
THE HAGUE -	196,325	" 4	122	76	19.8	-	3	-	1	2	1
COPENHAGEN -	345,000	" 11	197	149	22.5	-	8	3	2	1	-
STOCKHOLM -	283,550	" 4	132	144	26.4	-	5	-	6*	1	1
CHRISTIANIA -	23,337	" 11	98	101	25.3	-	-	-	-	-	1
ST. PETERSBURG -	1,132,677	" 4	686	588	27.1	1	5	15	25	4	25
MOSCOW -	988,610	" 4	-	524	27.6	4	15	15	6	1	2
BERLIN -	1,805,054	January 28	878	599	17.3	-	3	7	14	15	-
HAMBURG -	675,351	February 11	-	206	15.9	-	-	1	-	5	-
DRESDEN -	388,300	December 31	-	121	16.3	-	1	-	1*	3	1
BRESLAU -	406,012	February 11	-	237	30.4	-	1	4	4	1	-
MUNICH -	445,000	" 11	-	188	22.0	-	-	-	-	2	-
VIENNA -	1,606,629	" 11	849	747	24.2	-	10	2	21*	2	1
PRAGUE -	380,497	" 4	229	173	23.6	-	6	2	6	-	4
BUDA-PESTH -	666,722	" 4	462	323	25.2	-	4	3	5*	1	5
TRIESTE -	165,913	" 4	111	107	33.5	-	-	1	-	-	1
ROME -	500,610	January 28	260	197	20.5	-	-	-	1	2	58
TURIN (10 days) -	344,203	" 20	-	-	-	-	-	-	-	-	-
VENICE -	169,883	February 4	85	94	28.9	-	8	1	5*	1	1
CAIRO -	570,062	-	-	-	-	-	-	-	-	-	-
ALEXANDRIA -	319,766	-	-	-	-	-	-	-	-	-	-
NEW YORK (including BROOKLYN) } -	3,550,053	January 28	1680	1245	18.3	-	13	11	30	8	6
PHILADELPHIA -	1,266,832	February 4	-	512	21.1	-	-	-	22	1	38

\* Including deaths from croup.

† Including 51 deaths from cholera in Calcutta, 3 in Bombay, and 1 in Madras.

‡ Including 540 deaths from plague.

1899.		TEMPERATURE.				Of the Air.				Of the Dew point.		Difference between the Air Temperature and Dew Point.		Degree of Humidity.		TEMPERATURE.		Wind as deduced from Anemometers.				Rain collected in a Gauge whose surface is 4 inches above the Ground.		
MONTH AND DAY	Phases of the Moon.	Mean daily reading of the aneroid reduced to 32° Fahrenheit.	High-est.	Low-est.	Of the Air.		De- parture from Average value, 50 years.	Of the Dew point.		Mean daily value.	Great- est.	Least.	Of the Air Temperature and Dew Point.	Degree of Humidity.	Of the Air Temperature and Dew Point.	Of the Dew point.	Of the Dew point.	Of the Dew point.	Of the Dew point.	Of the Dew point.	Of the Dew point.	Of the Dew point.		
					Daily Range.	Mean daily value.		Mean daily value.	Least.															
FEBRUARY.	In Equator	29155	489	428	61	456	+ 71	336	0	113	27	71	829	390	4406	0	20	387	0.1	0.0				
SUNDAY - 12	..	29091	544	457	87	499	+ 111	415	84	109	27	73	886	404	4491	0 <td>22</td> <td>790</td> <td>+ 480</td> <td>30</td>	22	790	+ 480	30				
MONDAY - 13	..	29352	520	432	88	476	+ 84	423	53	86	18	82	821	385	4505	0 <td>0<td>389</td><td>+ 94</td><td>00</td></td>	0 <td>389</td> <td>+ 94</td> <td>00</td>	389	+ 94	00				
TUESDAY - 14	..	29060	513	397	116	464	+ 68	424	40	84	02	86	673	330	4540	0 <td>0<td>205</td><td>- 96</td><td>00</td></td>	0 <td>205</td> <td>- 96</td> <td>00</td>	205	- 96	00				
WEDNESDAY 15	..	29796	503	378	125	433	+ 35	369	64	132	10	78	841	310	4515	0 <td>0<td>254</td><td>- 44</td><td>00</td></td>	0 <td>254</td> <td>- 44</td> <td>00</td>	254	- 44	00				
THURSDAY - 16	..	29872	550	360	190	454	+ 56	409	45	106	05	84	1000	390	4520	0 <td>0<td>157</td><td>- 139</td><td>00</td></td>	0 <td>157</td> <td>- 139</td> <td>00</td>	157	- 139	00				
FRIDAY - 17	First Quarter.	29893	498	344	154	410	+ 13	405	05	55	00	88	757	238	4500	0 <td>0<td>73</td><td>- 222</td><td>00</td></td>	0 <td>73</td> <td>- 222</td> <td>00</td>	73	- 222	00				
SATURDAY - 18	..	29560	517	399	117	456	+ 63	402	54	98	13	82	827	344	4501	..	..	Sum 2580	Sum +460	0.1				
MEANS	-	29560	517	399	117	456	+ 63	402	54	98	13	82	827	344	4501	..	..	Sum 2580	Sum +460	0.1				
No. of Column -	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

The results apply to the civil day, or from midnight to midnight.

The results apply to the civility, or from midnight to midnight. The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations were taken at 9h. A.M., noon, 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections from a discussion of the photographic records made during the two years ending 1872 for the barometer, and during the twenty years ending 1868 for the thermometer. With the corrected mean reading of the dry bulb thermometer the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from these values, and the mean daily relative humidity is deduced from the mean daily value of temperature of the air.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1880, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and - "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; strong. and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregated duration of bright sunshine on each day.

The reading of the barometer decreased from 29.19 in. at the beginning of the week to 29.08 in. by 1h. p.m. on the 12th; increased to 29.30 in. by 9h. p.m. on the same day; decreased to 29.04 in. by noon on the 13th; increased to 29.70 in. by noon on the 15th; decreased to 29.55 in. by 2h. a.m. on the 16th; and increased to 29.94 in. by the end of the week.

## GENERAL REMARKS.

DATE.		Barometrical Corrected symbols (see Note)	Registered Sum in hours.	Sun above Sum in hours.	GENERAL REMARKS.
FEVERARY.					
SUNDAY	- 12	w. P. till 5h. A.M.; v. P. and v. N. till 3h. P.M.; w. P. gene- rally afterwards.	3'0	98	Cloudy and showery. Strong gusty wind till night. Mild.
MONDAY	- 13	w. P. till 2h. P.M.; v. P. and v. N. after- wards.	1'2	98	Cloudy with frequent rain till evening; variable afterwards. A gale of wind at night. Very mild.
TUESDAY	- 14	w. P. with oca- sional v. N.	0'8	99	Cloudy and showery. Gusty wind in early morning. Solar halo observed at times during the day. Mild.
WEDNESDAY	- 15	w. P. till 8h. P.M.; v. P. and v. N. after- wards.	0'9	100	Fine and partially cloudy till 11h. A.M.; cloudy afterwards. Rain at night. Solar halo visible throughout the day. Mild.
THURSDAY	- 16	v. P. and v. N. till 5h. A.M.; w. P. after- wards.	5'7	100	Overcast with rain in early morning; very fine afterwards.
FRIDAY	- 17	w. P. throughout -	8'7	101	Very fine and generally cloudless. Slight fog and hear frost in morning. Faint lunar halo at night.
SATURDAY	- 18	w. P. generally; occasional m. P.	1'7	101	Fine till evening; cloudy afterwards. Foggy.
			Sum 22'0	Sum 69'7	
No. of Col. -	-	27	28	29	



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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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General Register Office, Somerset House,  
February 27th, 1899.

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 20·6 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Feb. 4.	Feb. 11.	Feb. 18.	Feb. 25.		Feb. 4.	Feb. 11.	Feb. 18.	Feb. 25.
33 Great Towns	19·5	21·9	19·5	20·6	Leicester - -	15·8	16·3	10·5	14·1
Birkenhead -	22·6	19·5	25·4	20·4	Liverpool - -	25·2	30·5	27·9	26·7
Birmingham -	22·2	22·2	17·8	18·8	London - - -	19·4	22·8	19·3	21·5
Blackburn -	15·8	16·6	16·6	32·0	Manchester - -	23·2	25·0	23·4	25·8
Bolton - - -	19·6	24·4	17·7	22·5	Newcastle-on-Tyne	23·5	19·4	21·4	20·1
Bradford - -	16·6	17·0	17·9	21·2	Norwich - - -	14·3	15·7	15·2	12·9
Brighton - -	13·1	14·0	16·5	18·2	Nottingham - -	17·6	24·4	17·2	17·6
Bristol - - -	15·8	21·8	17·9	15·4	Oldham - - -	22·1	25·2	20·4	20·1
Burnley - - -	18·0	11·1	16·6	13·8	Plymouth - - -	15·5	20·2	20·7	22·8
Cardiff - - -	15·7	16·8	14·9	16·3	Portsmouth - -	19·1	20·0	14·5	15·3
Croydon - - -	11·0	15·1	15·5	18·4	Preston - - -	22·2	32·4	28·8	21·3
Derby - - -	18·6	20·1	20·1	20·1	Salford - - -	19·8	22·7	27·7	22·2
Gateshead - -	24·5	18·1	21·5	19·1	Sheffield - - -	20·8	19·6	20·5	19·6
Halifax - - -	22·4	20·3	20·3	15·5	Sunderland - -	27·2	27·9	23·6	23·3
Huddersfield -	13·1	16·1	12·1	20·7	Swansea - - -	21·1	22·1	19·1	20·1
Hull - - -	14·5	16·2	14·9	17·1	West Ham - - -	15·5	16·3	16·3	15·3
Leeds - - -	18·8	20·9	18·3	18·2	Wolverhampton -	22·9	20·0	20·0	15·9

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in West Ham, 1·3 in Bolton, and 1·5 in Manchester; from *whooping-cough*, 1·1 in Bradford, 1·4 in Sunderland, and 2·7 in Birkenhead; and from "*fever*," 1·9 in Blackburn and 2·3 in Wolverhampton. In none of the thirty-three towns did the death-rate from *scarlet fever* or from *diarrhœa* reach 1·0 per 1000. The 100 deaths from *diphtheria* included 29 in London, 12 in Leeds, 11 in Swansea, 9 in Sheffield, 6 in Liverpool, 5 in Blackburn, 4 in West Ham, and 4 in Birmingham. No death from *small-pox* was registered in any of the thirty-three towns.

#### LONDON.

In LONDON† 2752 BIRTHS and 1875 DEATHS were registered. Allowing for increase of population, the births were 34, and the deaths 88,

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.



below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 19·4, 22·8, and 19·3 in the preceding three weeks, rose again last week to 21·5. During the four weeks ending on Saturday last the death-rate averaged 20·8 per 1000, being 0·6 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1875 deaths included 32 from measles, 7 from scarlet fever, 29 from diphtheria, 55 from whooping-cough, 1 from typhus, 13 from enteric fever, 10 from diarrhoea and dysentery, and not one death from small-pox, from any ill-defined form of continued fever, or from cholera; thus, 147 deaths were referred to these diseases, being 54 below the corrected average weekly number.

The deaths from *measles*, which had been 22, 21, and 27 in the preceding three weeks, further rose last week to 32, but were 23 below the corrected average; 6 cases belonged to St. Pancras, 5 to Islington, and 4 to Clerkenwell sanitary areas. The deaths from *scarlet fever*, which had been 8, 7, and 4 in the preceding three weeks, rose again last week to 7, but were 7 below the corrected average. The deaths from *diphtheria*, which had been 32, 49, and 40 in the preceding three weeks, further fell last week to 29, and were 13 below the corrected average; 4 cases belonged to St. George Southwark, and 3 to Newington sanitary areas. The deaths from *whooping-cough*, which had been 50, 45, and 38 in the preceding three weeks, rose again last week to 55, but were 9 below the corrected average; 9 cases belonged to Lambeth, 5 to Kensington, and 5 to St. Pancras sanitary areas. The fatal cases of *enteric fever*, which had been 10, 20, and 16 in the preceding three weeks, further fell last week to 13, but were 5 above the corrected average. The death from *typhus* was that of a man, aged 51 years, who had been removed from Minto Street, Bermondsey, to Guy's Hospital. The deaths from *diarrhoea*, which had been 10, 15, and 11 in the preceding three weeks, were 10 last week, the corrected average being 16. The deaths referred to diseases of the respiratory organs, which had been 348, 481, and 413 in the preceding three weeks, rose again last week to 484, but were 50 below the corrected average. The deaths attributed directly to *influenza* numbered 113, having been 22, 50, and 74 in the preceding three weeks.

Different forms of violence caused 68 deaths, concerning all but 1 of which inquests were held. Of these 68 deaths, 12 were cases of suicide, while the remaining 56 were attributed to accident or negligence. Four of these were referred to vehicles in the streets, 1 to a conflagration, 1 to the effects of chloroform administered for surgical purposes, and 14 (of infants under one year of age) to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS\*.

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2 cases of small-pox, 2575 of scarlet fever, 1394 of diphtheria, and 215 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 241 cases, against 265, 253 and 202; of diphtheria, 149 cases, against 184, 177, and 179; and of enteric fever, 23 cases, against 13, 42, and 30.

#### GREATER LONDON.

In Greater London 3916 births and 2407 deaths were registered, corresponding to annual rates of 31·3 and 19·2 per 1000 of the estimated population. In the Outer Ring 8 deaths from measles, 3 from scarlet fever, 16 from diphtheria, 10 from whooping-cough, 5 from "fever," and 2 from diarrhoea were registered. Six deaths from measles and 7 from diphtheria occurred in West Ham district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 30·11 inches, and that of the Thermometer 40·7; the latter being 1°·0 above the week's average in the 50 years 1841-90. The direction of the wind was easterly, the horizontal movement of the air being 23 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 38·9 hours; the measured rainfall amounted to 0·02 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

CITIES AND BOROUGH.	POPULATION estimated to the middle of the year 1891.	Registered during the week ending 25th February 1892.		Deaths of		Deaths from								Deaths in Public Institutions.				Annual Rate per 1000, corresponding to the Week's Deaths.		TEMPERATURE OF THE AIR.				RAINFALL.		CITIES AND BOROUGH.
		BIRTHS.	DEATHS.	Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Rever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.	From All Causes.	Diseases in Cols. 6-13.	Highest.  Fahrenheit.	Lowest.	Fahrenheit.	Centigrade.	In Inches.	In Cent.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.	
33 TOWNS	11,404,408	6900	4505	941	1189	-	69	24	100	97	44	29	168	324	1020	59	206	17	556	249	407	483	001	003	003	33 TOWNS.
LONDON	4,546,752	2752	1875	351	563	-	32	7	29	55	14	10	68	151	556	18	215	17	528	280	407	483	002	005	005	LONDON.
WEST HAM	300,241	180	88	22	21	-	6	-	-	1	1	1	2	3	10	-	153	21	-	-	-	-	-	-	-	WEST HAM.
CROYDON	127,759	63	45	8	19	-	-	-	-	1	1	1	-	3	3	-	184	12	550	255	408	489	002	005	005	CROYDON.
BRIGHTON	123,226	53	43	10	16	-	-	-	-	2	-	-	-	5	11	-	182	13	530	342	437	650	000	000	000	BRIGHTON.
PORTSMOUTH	190,741	106	56	9	16	-	2	-	2	-	2	-	2	5	10	1	153	16	535	320	433	628	000	000	000	PORTSMOUTH.
PLYMOUTH	100,637	59	44	14	10	-	-	-	-	-	-	-	-	5	5	-	228	-	-	-	-	-	-	-	-	PLYMOUTH.
BRISTOL	320,911	195	95	19	26	-	-	-	2	3	-	2	1	3	17	-	154	11	530	270	413	517	000	000	000	BRISTOL.
CARDIFF	185,826	116	58	18	9	-	-	-	1	2	-	-	5	5	4	1	163	08	-	-	-	-	-	-	-	CARDIFF.
SWANSEA	103,722	60	40	9	8	-	-	-	11	-	-	-	-	-	1	-	201	55	-	-	-	-	-	-	-	SWANSEA.
WOLVERHAMPTON	88,821	68	27	5	6	-	-	-	-	-	4	1	-	-	4	2	159	29	515	272	405	472	000	000	000	WOLVERHAMPTON.
BIRMINGHAM	514,956	359	136	44	49	-	1	1	4	4	2	2	9	11	38	4	188	14	-	-	-	-	-	-	-	BIRMINGHAM.
NORWICH	113,265	69	28	5	16	-	-	-	1	1	-	-	-	-	7	-	129	09	522	250	403	461	002	005	005	NORWICH.
LEICESTER	213,851	118	58	14	18	-	-	-	2	-	-	-	2	5	9	1	141	05	-	-	-	-	-	-	-	LEICESTER.
NOTTINGHAM	239,384	153	81	23	18	-	-	-	2	-	2	1	2	4	11	-	176	11	530	280	413	517	002	005	005	NOTTINGHAM.
DERBY	106,401	38	41	7	12	-	-	-	1	-	1	-	3	5	11	-	201	10	-	-	-	-	-	-	-	DERBY.
BIRKENHEAD	115,162	60	45	7	6	-	-	-	2	6	-	-	-	5	6	-	204	36	-	-	-	-	-	-	-	BIRKENHEAD.
LIVERPOOL	634,212	418	325	70	70	-	-	-	6	2	2	3	10	13	99	6	267	16	476	272	392	400	002	005	005	LIVERPOOL.
BOLTON	162,221	94	70	20	15	-	4	-	1	1	1	2	3	4	10	-	225	29	-	-	-	-	-	-	-	BOLTON.
MANCHESTER	543,062	363	269	47	60	-	16	1	2	1	-	2	14	28	60	3	258	21	-	-	-	-	-	-	-	MANCHESTER.
SALFORD	218,744	138	93	19	21	-	2	-	1	-	-	-	8	10	23	1	222	10	-	-	-	-	-	-	-	SALFORD.
OLDHAM	150,772	71	53	18	10	-	1	-	2	1	-	-	2	4	8	-	201	07	-	-	-	-	-	-	-	OLDHAM.
BURNLEY	113,061	51	30	10	7	-	2	-	2	1	-	1	-	1	3	1	138	18	-	-	-	-	-	-	-	BURNLEY.
BLACKBURN	135,154	68	83	12	19	-	2	2	5	1	5	-	3	4	10	2	320	58	-	-	-	-	-	-	-	BLACKBURN.
PRESTON	117,622	75	43	13	11	-	-	-	-	-	1	-	-	-	6	4	213	04	-	-	-	-	-	-	-	PRESTON.
HUDDESFIELD	103,464	37	41	7	17	-	-	-	-	1	-	-	1	2	3	-	207	05	493	240	385	361	000	000	000	HUDDESFIELD.
HALIFAX	97,721	46	29	9	5	-	-	-	1	-	-	-	-	-	2	1	155	05	-	-	-	-	-	-	-	HALIFAX.
BRADFORD	236,241	107	96	23	25	-	1	1	1	5	-	1	3	8	13	1	212	18	496	298	405	472	003	008	008	BRADFORD.
LEEDS	423,880	269	148	28	31	-	1	2	12	-	1	-	8	16	21	1	182	20	-	-	-	-	-	-	-	LEEDS.
SHEFFIELD	361,169	232	136	30	29	-	2	1	9	2	5	-	5	5	20	5	196	27	-	-	-	-	-	-	-	SHEFFIELD.
HULL	234,270	151	77	24	14	-	-	-	-	4	1	2	4	6	15	6	171	07	500	240	384	356	000	000	000	HULL.
SUNDERLAND	145,613	99	65	18	12	-	-	-	-	1	-	-	5	6	10	1	233	18	-	-	-	-	-	-	-	SUNDERLAND.
GATESHEAD	106,552	75	39	10	11	-	-	-	-	1	1	-	-	-	2	-	191	05	-	-	-	-	-	-	-	GATESHEAD.
NEWCASTLE	228,625	157	88	18	19	-	-	-	-	2	1	-	2	8	12	-	201	07	-	-	-	-	-	-	-	NEWCASTLE.

\* See note \* on first page of this return.



TABLE 2. LONDON.—Births and Deaths Registered in the EIGHTH Week of each of the Eleven Years, 1889–99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889–98.*	1899
<b>TOTAL Births</b>	2695	2702	2622	2694	2527	2587	2787	2497	2727	2644	2786·2	2752
Males - -	1341	1323	1315	1371	1265	1337	1412	1345	1376	1345	1413·0	1470
Females - -	1354	1379	1307	1323	1262	1250	1375	1152	1351	1299	1373·2	1282
<b>TOTAL Deaths</b>	1567	1847	2042	1829	1629	1663	2863	1705	1627	1889	1963·4	1875
Males - -	762	934	1050	930	857	858	1384	858	821	942	988·6	976
Females - -	805	913	992	899	772	805	1479	847	806	947	974·8	899

\* The numbers in this column are the average weekly numbers in the eighth week of the ten years 1889–98, raised by 5·213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

		Dec. 3.	Dec. 10.	Dec. 17.	Dec. 24.	Dec. 31.	Jan. 7.	Jan. 14.	Jan. 21.	Jan. 28.	Feb. 4.	Feb. 11.	Feb. 18.	Feb. 25.	
<b>TOTAL Births</b>		-	2575	2577	2519	2422	2215	2393	2435	2311	2636	2696	2802	2862	2752
<b>TOTAL Deaths</b>		-	1569	1447	1423	1470	1593	1666	1568	1503	1381	1690	1991	1686	1875
<b>Ages at Death</b>	Under 1 year	-	362	239	286	292	339	325	320	239	284	330	430	328	351
	1-5 years	-	203	166	176	189	188	175	177	169	168	191	210	201	245
	5-20 "	-	78	77	88	100	95	78	87	78	87	78	109	101	104
	20-40 "	-	190	196	174	213	188	224	223	220	167	224	252	204	248
	40-60 "	-	297	320	317	292	354	390	331	327	298	358	399	321	364
	60-90 "	-	349	331	303	316	350	396	346	341	305	417	472	426	433
(80 years and upwards)		-	90	68	79	68	79	78	84	79	72	92	119	105	130
<b>Deaths from—</b>															
Small pox		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles		-	25	22	31	24	31	27	27	30	21	22	21	27	32
Scarlet Fever		-	9	11	6	14	12	11	8	8	12	8	7	4	7
Diphtheria		-	43	43	40	46	47	30	34	30	31	32	49	40	29
Whooping-cough		-	28	22	26	21	32	41	37	40	36	50	45	38	55
Typhus		-	-	1	-	-	-	-	-	-	-	1	-	-	1
Enteric Fever		-	21	26	19	21	15	17	10	16	15	10	20	16	13
Simple Continued Fever		-	-	-	-	-	1	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery		-	17	19	13	19	14	13	11	10	8	10	15	11	10
Cholera		-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>All the above Diseases</b>		-	143	144	135	145	152	139	127	134	123	133	157	136	147
<b>Dis. of Respiratory System—</b>															
Phthisis		-	340	295	283	284	306	365	363	295	266	348	481	413	434
Dis. of Circulatory System—		-	161	156	143	156	165	163	179	154	144	188	192	154	175
Violence		-	145	140	123	136	167	186	152	153	121	165	194	156	172
Inquest Cases		-	76	53	72	73	93	82	77	74	80	74	69	79	68
Deaths in Public Institutions—		-	179	131	146	153	209	209	171	142	161	152	178	166	151
		-	446	474	449	470	488	540	485	474	462	539	593	471	556
<b>TEMPERATURE OF THE AIR.</b>															
Mean		-	44·1	49·4	48·0	46·1	43·3	42·0	45·0	47·4	38·2	35·5	47·4	45·6	40·7
Mean of Highest readings		-	47·6	52·7	51·9	45·3	48·1	46·9	50·7	51·9	43·2	40·1	51·7	51·7	48·2
Mean of Lowest readings		-	39·5	45·1	43·0	34·6	36·8	36·2	39·8	41·9	33·7	30·6	42·7	39·9	34·0
<b>Humidity of the Air</b>		-	85	83	83	80	84	87	83	84	80	83	83	82	81
<b>Rain-fall (in inches)</b>		-	0·26	1·34	0·00	0·02	0·81	0·24	1·03	1·00	0·08	0·18	1·19	0·72	0·02
<b>Registered Sunshine (in hours)</b>		-	5·6	6·7	0·8	12·9	14·0	5·6	20·3	3·3	35·8½	7·4	10·5	22·0	28·9
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>															
Small-pox		-	-	-	-	-	1	1	1	-	-	-	-	-	2
Scarlet Fever		-	3142	3090	3043	2901	2939	2912	2777	2749	2679	2665	2642	2587	2575
Diphtheria		-	1374	1314	1310	1261	1248	1256	1257	1304	1368	1377	1373	1403	1394
Enteric Fever		-	-	286	286	285	266	255	254	250	243	249	229	228	231

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. 3obbey Esq., M.E., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.



TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the EIGHTH Week of the Year 1899.

CAUSES OF DEATH		Corrected Averages for the 8th Week of the 10 years 1889-98.	In the Week ending Saturday, 25th February 1899.										CAUSES OF DEATH		Corrected Averages for the 8th Week of the 10 years 1889-98.	In the Week ending Saturday, 25th February 1899.														
			Deaths of Persons of the Ages													Deaths of Persons of the Ages														
			ALL AGES.													ALL AGES.														
			0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	0-1.	1-5.	5-20.				20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.											
CAUSES	-	1963.4	1875	351	245	104	248	364	433	130	Diseases of Circulatory System	167.8	172	3	1	12	30	46	70	10	Diseases of Circulatory System	167.8	172	3	1	12	30	46	70	10
Ill- (Vaccinated)	-	0.5	-	-	-	-	-	-	-	-	Croup	8.0	-	-	-	-	-	-	-	-	-	Croup	8.0	-	-	-	-	-	-	-
x (Unvaccinated)	-	0.2	-	-	-	-	-	-	-	-	Bronchitis	323.4	277	48	31	1	5	38	121	33	Bronchitis	323.4	277	48	31	1	5	38	121	33
les (No Statement)	-	0.2	-	-	-	-	-	-	-	-	Pneumonia	154.9	160	41	44	8	16	27	21	3	Pneumonia	154.9	160	41	44	8	16	27	21	3
et Fever	-	54.8	32	5	26	1	-	-	-	-	Pleurisy	6.7	10	1	1	1	3	3	1	-	Pleurisy	6.7	10	1	1	1	3	3	1	-
us	-	14.3	1	-	5	2	-	-	1	-	Other Diseases of Respiratory System	38.2	37	6	7	2	5	7	10	-	Other Diseases of Respiratory System	38.2	37	6	7	2	5	7	10	-
osing Fever	-	0.2	-	-	-	-	-	-	-	-	Dentition	12.2	6	4	2	-	-	-	-	-	Dentition	12.2	6	4	2	-	-	-	-	-
enza	-	37.8	113	4	7	6	18	28	29	21	Quinsy, Sore Throat	1.7	-	-	-	-	-	-	-	-	Quinsy, Sore Throat	1.7	-	-	-	-	-	-	-	-
oping-cough	-	64.1	35	16	36	3	-	-	-	-	Enteritis	13.2	18	13	-	2	2	-	-	1	Enteritis	13.2	18	13	-	2	2	-	-	1
theria	-	41.5	29	-	20	9	-	-	-	-	Peritonitis	5.7	7	-	-	2	3	1	1	-	Peritonitis	5.7	7	-	-	2	3	1	1	-
le Continued and	-	0.6	-	-	-	-	-	-	-	-	Diseases of Liver	26.7	27	1	-	7	15	2	2	-	Diseases of Liver	26.7	27	1	-	7	15	2	2	-
efined Fever	-	8.4	13	-	1	7	5	-	-	-	Other Diseases of Digestive System	30.3	25	5	-	4	5	7	4	-	Other Diseases of Digestive System	30.3	25	5	-	4	5	7	4	-
ric Fever	-	16.2	10	5	3	-	-	1	1	-	Diseases of Lymphatic System & of Ductless Glands	3.1	3	-	-	1	-	2	-	-	Diseases of Lymphatic System & of Ductless Glands	3.1	3	-	-	1	-	2	-	-
ra and Chol. Diarr.	-	0.1	-	-	-	-	-	-	-	-	Diseases of Urinary System	47.7	69	-	-	1	11	21	34	2	Diseases of Urinary System	47.7	69	-	-	1	11	21	34	2
hoæa, Dysentery	-	0.1	-	-	-	-	-	-	-	-	Diseases of Generative System	5.7	8	-	-	1	2	2	2	1	Diseases of Generative System	5.7	8	-	-	1	2	2	2	1
tent Fever	-	0.1	-	-	-	-	-	-	-	-	Accidents of Childbirth	5.7	4	-	-	4	-	-	-	-	Accidents of Childbirth	5.7	4	-	-	4	-	-	-	-
ophobæ	-	-	-	-	-	-	-	-	-	-	Diseases of Locomotive System	7.7	8	-	1	3	3	1	-	-	Diseases of Locomotive System	7.7	8	-	1	3	3	1	-	-
lers	-	-	-	-	-	-	-	-	-	-	Diseases of Integumentary System	5.3	6	2	-	-	-	-	3	1	Diseases of Integumentary System	5.3	6	2	-	-	-	-	3	1
ox and Effects of	-	0.2	-	-	-	-	-	-	-	-	VIOLENT DEATHS: (ACCIDENT.)										VIOLENT DEATHS: (ACCIDENT.)									
ination	-	11.7	5	3	-	-	1	1	-	-	By Railways		-	-	-	2	-	-	1		By Railways		-	-	-	2	-	-	1	
real Affections	-	3.8	2	2	1	-	1	2	-	-	By Vehicles or Horses		4	-	1	-	-	-	-	-	By Vehicles or Horses		4	-	1	-	-	-	-	-
pelas	-	2.0	2	2	1	-	1	2	-	-	In Ships, Boats, Docks, (exclusive of Drowning)		2	-	-	1	1	-	-	-	In Ships, Boats, Docks, (exclusive of Drowning)		2	-	-	1	1	-	-	-
ia and Septicæmia	-	4.2	4	-	-	4	-	-	-	-	In Building Operations		2	-	-	-	1	1	-	-	In Building Operations		2	-	-	-	1	1	-	-
eral Fever	-	2.4	2	-	1	-	1	-	-	-	In Conflagrations		1	-	-	-	-	-	1	-	In Conflagrations		1	-	-	-	-	-	1	-
ymotie Diseases	-	0.8	-	-	-	-	-	-	-	-	By Burns, Scalds, Explosions	86.2	10	2	4	2	1	-	1	-	By Burns, Scalds, Explosions	86.2	10	2	4	2	1	-	1	-
sh	-	0.3	-	-	-	-	-	-	-	-	By Drowning		3	1	-	-	1	1	-	-	By Drowning		3	1	-	-	1	1	-	-
as and other Parasitic Diseases	-	0.3	-	-	-	-	-	-	-	-	By Suffocation in Bed		14	14	-	-	-	-	-	-	By Suffocation in Bed		14	14	-	-	-	-	-	-
ation, Want of	-	1.8	1	1	-	-	-	-	-	-	By Poisons or Poisonous Vapours		2	-	-	-	1	-	1	-	By Poisons or Poisonous Vapours		2	-	-	-	1	-	1	-
ast-milk	-	10.2	12	-	-	2	7	3	-	-	Other or not stated causes		18	3	2	3	3	2	3	2	Other or not stated causes		18	3	2	3	3	2	3	2
olism	-										(VIOLENCE OTHER THAN ACCIDENTAL.)									(VIOLENCE OTHER THAN ACCIDENTAL.)										
umatic Fever, (Epidemiology of Heart)	-	8.5	8	-	2	3	1	2	-	-	Homicide	1.4	-	-	-	-	-	-	-	-	Homicide	1.4	-	-	-	-	-	-	-	-
matism	-	2.3	1	-	-	-	-	-	1	-	Suicide	6.8	12	-	-	-	2	6	4	-	Suicide	6.8	12	-	-	-	2	6	4	-
ts	-	3.7	2	-	-	-	-	2	-	-	Execution	-	-	-	-	-	-	-	-	-	Execution	-	-	-	-	-	-	-	-	-
or	-	6.2	6	1	5	-	-	-	-	-	OTHER CAUSES	56.9	52	50	1	-	-	-	-	1	OTHER CAUSES	56.9	52	50	1	-	-	-	-	1
Mesenterica	-	75.8	65	-	-	13	27	24	1	-																				
cular Meningitis	-	19.9	13	5	4	2	1	-	-	-																				
sis	-	23.8	19	8	8	2	1	-	-	-																				
la, Tuberculosis	-	186.2	175	-	3	10	79	73	10	-																				
Constitutional	-	20.2	21	2	13	3	3	-	-	-																				
ases	-	14.0	15	3	-	1	5	6	-	-																				
ature Birth	-	49.1	51	51	-	-	-	-	-	-																				
stasis	-	3.3	6	6	-	-	-	-	-	-																				
ital Malforma-	-	7.4	5	5	-	-	-	-	-	-																				
s	-	32.8	46	-	-	-	-	15	31	-																				
ge	-																													
oxy	-	49.5	52	-	-	3	14	25	10	-																				
psy	-	5.6	10	-	1	3	1	3	2	-																				
usions	-	46.9	36	34	2	-	-	-	-	-																				
Diseases of Brain	-	100.8	92	6	13	11	4	22	29	7																				
Nervous System	-																													
ses of Organs of	-																													
ital Sense	-	3.8	3	-	1	-	1	-	1	-																				

The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase in population. Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered practitioners. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the evidence of death is not certified by a registered practitioner, the case is returned under the heading "no statement." The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such cases are classed under "accident."

## Deaths from some Zymotic and other Causes.

TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &amp;c., registered in each SUB-DISTRICT during the Week ending Saturday, 25th February, 1899.

The DEATHS registered during the Week include																	
REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of													
				Deaths under 1 Year of Age.	Persons aged 50 Years and upwards.	Deaths from											
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON - - -	4,411,710	2752	1875	351	563	-	32	7	29	55	1	13	-	10	68	151	556
WEST DISTRICTS - - -	778,251	432	329	54	118	-	1	1	4	12	-	2	-	3	12	29	103
NORTH DISTRICTS - - -	1,040,694	592	418	54	140	-	15	-	5	9	-	4	-	1	12	32	108
CENTRAL DISTRICTS - - -	233,635	139	123	23	24	-	6	-	3	3	-	2	-	1	1	4	45
EAST DISTRICTS - - -	716,534	534	321	80	63	-	6	-	4	6	-	1	-	-	21	50	107
SOUTH DISTRICTS - - -	1,642,796	1055	653	139	208	-	3	5	13	25	1	4	-	4	22	36	162
METROPOLITAN HOSPITALS } AND ASYLUMS OUTSIDE } REGISTRATION LONDON* }	-	-	31	1	10	-	1	1	-	-	-	-	-	-	-	-	31
WEST DISTRICTS.																	
St. Mary Paddington } G. & W.	90,996	46	44	7	19	-	-	-	-	1	-	-	-	-	1	2	11
WHH } St. John Paddington H - - G.	33,510	11	11	-	3	-	-	-	-	-	-	-	-	-	2	2	8
Kensington Town Ww - - W.	122,164	14	15	11	30	-	-	-	-	4	-	-	-	-	1	3	31
Brompton HH- - - W & C.	48,301	56	72	1	8	-	-	-	-	1	-	-	-	-	1	2	1
St. Peter Hammersmith - - W.	9,097	-	4	1	3	-	-	-	-	-	-	-	-	-	-	1	-
St. Paul Hammersmith HHW & G.	35,102	67	21	4	5	-	-	-	-	2	-	1	-	-	1	1	2
Fulham Ww - - - W. & C.	113,781	91	51	13	13	-	-	1	4	-	-	-	-	1	1	2	17
Chelsea Kensal Town - - C.	21,450	13	8	1	3	-	-	-	-	1	-	-	-	-	1	3	-
Chelsea North WHHHHH - C.	42,057	17	20	2	7	-	1	-	-	1	-	-	-	-	2	4	7
Chelsea South HH - - C.	33,139	23	11	2	4	-	-	-	-	1	-	-	-	-	1	-	-
May Fair W - - - G.	23,827	8	7	1	3	-	-	-	-	-	-	-	-	-	-	-	6
Belgrave WHHH - - C.	56,140	34	28	4	6	-	-	-	-	1	-	-	-	1	1	4	9
St. John Westminster HH - C.	31,492	28	8	2	4	-	-	-	-	-	-	1	-	-	1	1	3
St. Margaret Westminster H- C.	22,097	4	10	2	4	-	-	-	-	-	-	-	-	-	-	-	-
St. James Westminster } N. & G.	23,050	13	15	3	6	-	-	-	-	-	-	-	-	-	1	2	6
WHH } St. Anne Soho HHHHHH - N.	12,048	7	4	-	-	-	-	-	-	-	-	-	-	-	1	1	1
NORTH DISTRICTS.																	
All Souls Marylebone } - - W.	36,595	4	19	-	6	-	1	-	-	1	-	-	-	-	1	1	7
HHHHHHHH } Rectory Marylebone W G. & W.	19,798	12	12	1	5	-	-	-	-	-	-	-	-	-	1	3	1
St. Mary Marylebone } G. & W.	19,637	36	8	3	3	-	-	-	-	-	-	-	-	-	-	-	-
HHHH } Christchurch Marylebone H - W	32,547	11	15	2	4	-	-	-	-	-	-	-	-	-	-	1	-
St. John Marylebone HHH W.	32,611	20	11	2	5	-	-	-	-	-	-	-	-	-	-	1	-
Hampstead } - N. & W.	75,449	28	19	2	7	-	1	-	2	-	-	1	-	-	-	-	7
WwHHHH } Regent's Park Pancras HH - W.	37,341	19	6	1	1	-	-	-	-	1	-	-	-	-	-	-	-
Tottenham-court } - N. & W.	26,757	11	11	2	1	-	-	-	-	1	-	-	-	-	-	-	5
wHHHH } Gray's Inn Lane HHH - - N.	29,426	13	11	2	-	-	1	-	-	1	-	-	-	-	-	-	3
Somers Town HH - - N.	32,161	13	20	3	7	-	1	-	2	-	-	-	-	-	-	1	2
Camden Town WH - - N.	16,669	14	12	2	8	-	-	-	-	-	-	-	-	-	-	-	7
Kentish Town WW - - N.	98,410	61	36	3	10	-	4	-	-	-	-	-	-	1	2	7	10
Upper Holloway } - - N.	98,273	51	70	9	26	-	1	-	-	1	-	1	-	1	3	4	38
WWWwHH } Islington South-west H - N.	107,365	62	40	7	11	-	1	-	-	1	-	-	-	-	2	4	-
Islington South-east - - N.	66,549	33	32	7	11	-	3	-	-	1	-	-	-	-	2	5	-
Highbury HH - - N.	64,577	41	17	2	9	-	-	-	-	-	-	-	-	-	-	-	-
Stoke Newington H - - N.	33,485	20	8	1	2	-	-	-	-	-	-	-	-	-	-	2	-
North Hackney - - E. & N.	24	24	8	-	3	-	-	-	-	-	-	-	-	-	-	-	-
Central Hackney ww - - E. & N.	213,044	38	14	1	4	-	1	-	3	-	-	1	-	-	1	2	4
South-west Hackney HHH E. & N.	47	21	2	2	6	-	-	-	-	-	-	1	-	-	1	4	8
South-east Hackney WwH E. & N.	34	28	2	11	-	-	1	-	-	-	-	-	-	-	2	2	16

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated the namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers received; w—Workhouse Establishment receiving inmates from other Districts than that in which it stands. R man capitals signify the Water Companies which supply the different Sub-districts; G—signifies Grand Junction Company; W—West Middlesex; C—Chelsea; S—Southwark and Vauxhall; L—Lambeth N—New River; E—London; and K—the Kent Company.

See note on first page of this Return



REGISTRATION SUB-DISTRICTS			Enu- merated Popu- lation 1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include													Deaths in Public Institutions	Un- certified Causes	of
						Deaths of		Deaths from										Inquest Cases.			
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlat Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarhoea.	Violence				
CENTRAL DISTRICTS.																					
George Bloomsbury - - N.	16,110	11	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
Giles South WH - - N.	12,976	5	7	1	12	-	-	-	-	-	-	-	-	-	-	-	-	-			
Giles North H - - N.	3,151	8	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Martin-in-the-Fields HHHN. & C.	13,077	4	2	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-			
Grand WHH - - - N.	11,839	10	11	1	4	-	-	-	-	1	-	-	-	-	-	-	-	-			
Grand Union Workhouse, Edmonton	1,037	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
Polborn W H H H H H H H	31,042	14	24	7	2	-	-	1	-	-	1	2	-	-	-	-	1	11			
James Clerkenwell - - N.	15,777	11	6	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-			
Well Clerkenwell - - N.	34,356	21	12	3	3	-	-	2	-	-	-	-	-	-	-	-	-	-			
Well-street - - - N.	16,069	19	11	2	2	-	-	1	-	-	-	-	-	-	-	-	-	-			
City-road H H H L - - N.	29,597	20	11	5	-	-	-	-	-	-	-	-	-	-	-	-	-	1			
Whitecross-street - - N.	7,595	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Polborn Union Workhouse, Mitcham	4,035	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
Botolph H - - N. & E.	6,870	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Tripletgate - - - N.	3,299	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Sepulchre WH - - N.	9,591	2	19	1	4	-	-	1	-	-	-	-	1	-	-	-	14	-			
St. Dunstons Barking - - N.	9,059	2	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Dunstons Road Street H - - N.	2,892	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-			
City of London Asylum, Stone	1,385	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
EAST DISTRICTS.																					
Shoreditch South H L - E. & N.	17,975	11	3	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-			
St. James New Town W - - N.	29,575	18	12	3	4	-	-	-	-	-	-	-	-	-	-	1	2	4			
St. James Old Town - - N.	27,645	25	11	3	2	-	-	1	-	-	-	-	-	-	-	-	2	-			
St. James Laggerston WH - - N. & E.	47,163	31	28	6	4	-	-	-	-	1	1	-	-	-	-	2	6	13			
St. James Green North H - - E.	49,301	51	15	4	4	-	-	1	-	-	-	-	-	-	-	1	3	1			
St. James Green South - - E.	34,194	27	11	2	2	-	-	-	-	-	-	-	-	-	-	1	2	13			
St. James Green East WH L - E.	45,667	31	24	1	7	-	-	1	-	-	-	-	-	-	-	1	4	-			
St. James Fields - - - E. & N.	26,681	13																			

\* Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.





TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 25th February, 1899.

REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													
					Deaths of		Deaths from											
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Insane Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.	
LONDON—OUTER RING	368,749	1,422,063	1164	532	108	168	-	8	3	16	10	5	2	18	35	63	10	
Carshalton WHH	12,228	26,108	17	8	12	3	-	-	-	-	1	-	-	-	1	-	-	
Epsom, part of* WWHH	10,423	12,508	10	5	1	2	-	-	-	-	-	-	-	-	-	5	-	
Godstone, part of* W	2,754	1,598	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Croydon WWHH	20,851	128,699	77	48	9	19	-	-	-	-	1	1	1	3	4	3	-	
Mitcham W	11,697	23,072	20	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
Wimbledon HHH	3,220	25,777	16	10	1	3	-	-	-	-	-	-	-	-	1	-	-	
Kingston WH	-	33,566	22	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Surbiton H	-	12,178	7	4	-	1	-	-	-	-	-	-	-	-	-	-	-	
Esher, part of* HH	-	11,080	8	3	1	-	-	-	-	1	1	1	-	-	-	-	-	
Hampton HL	4,565	18,252	9	5	-	4	-	-	-	-	-	-	-	-	-	-	-	
Richmond WH	2,160	25,389	11	6	2	1	-	-	-	-	-	-	-	-	-	1	-	
Mortlake H	2,823	16,159	11	6	-	1	-	-	-	-	-	-	-	2	2	-	-	
Bromley HHH	9,127	23,815	22	10	1	3	-	-	-	-	-	-	-	-	-	3	2	
Beckenham H	6,542	21,969	15	9	2	1	-	-	-	-	-	-	-	-	1	-	-	
Chislehurst, part of* WHH	14,307	20,372	10	7	2	1	-	-	-	-	1	-	-	1	1	2	-	
Bexley HHH	12,540	30,590	28	11	1	4	-	-	-	-	-	-	-	-	-	-	1	
Dartford WH, part of*	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	2	-	
Sunbury W	11,054	13,671	15	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
Staines WH	13,277	13,221	11	7	-	3	-	-	-	-	-	-	-	1	1	1	-	
Hillingdon WHH	6,035	12,237	13	13	3	5	-	-	-	1	-	-	-	-	-	7	-	
Uxbridge	12,757	7,253	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
Hayes WH	7,952	11,051	12	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
Isleworth WHH	6,967	26,004	17	13	3	5	-	-	1	-	-	-	-	-	-	4	-	
Twickenham HH	2,415	16,027	9	5	2	1	-	-	-	-	-	-	-	-	1	-	-	
Brentford HHHH	4,318	37,777	27	9	3	3	-	-	-	-	-	-	-	-	-	-	-	
Chiswick	1,245	21,963	16	9	2	5	-	-	-	-	-	-	-	-	-	-	-	
Acton WHH	6,132	30,945	31	16	8	3	-	-	-	1	-	-	-	-	-	-	1	
Harrow HHH	13,809	15,715	15	5	-	5	-	-	-	-	-	-	-	-	-	-	-	
Edgware HH	6,994	3,844	1	2	-	2	-	-	-	-	-	-	-	-	-	-	-	
Willesden HHH	4,383	61,265	67	31	6	8	-	-	-	1	-	-	-	3	3	-	-	
Hendon WH	6,382	15,843	11	7	2	2	-	-	-	-	-	-	-	-	1	2	-	
South Mimms HH	-	6,367	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Barnet WHH	21,077	14,152	5	6	-	4	-	-	-	-	-	-	-	-	1	1	-	
Finchley HHH	4,688	25,820	15	3	-	2	-	-	-	-	-	-	-	-	-	-	1	
Hornsey HH	3,039	61,097	44	25	1	14	-	-	-	-	-	1	1	3	3	-	-	
Tottenham HH	4,642	97,174	79	37	6	9	-	-	-	2	3	1	3	3	3	3	-	
Edmonton WWH	7,489	36,351	39	12	1	3	-	-	1	1	-	-	-	2	2	1	-	
Enfield WWHH	12,602	31,536	34	8	2	-	-	-	-	-	-	1	-	-	1	1	-	
Waltham Abbey	11,017	6,066	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
Cheshunt H	8,480	9,620	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
Hatfield, part of* W	3,306	582	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bushey H	9,331	7,737	4	3	1	1	-	-	-	-	-	-	-	-	-	-	-	
Watford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Stratford H	-	38,612	34	11	6	1	-	1	-	1	-	-	-	-	-	-	-	
Plaistow WHHH	-	58,030	68	25	8	2	-	3	-	2	-	-	-	-	-	2	-	
Canning Town H	4,706	54,750	53	27	4	6	-	-	-	-	-	-	-	-	-	-	-	
Forest Gate W	-	53,511	25	19	4	9	-	2	-	1	-	-	-	2	3	2	-	
East Ham WHH	3,266	32,713	69	19	9	1	-	-	-	1	-	-	-	-	1	-	-	
Leyton WWHWH	4,334	70,188	64	34	3	13	-	-	-	1	1	-	-	-	-	12	3	
Walthamstow HHL	6,501	57,330	46	15	4	5	-	-	-	2	1	1	-	1	2	2	-	
Chigwell, part of* HHHH	11,779	12,941	8	3	-	2	-	-	-	-	-	-	-	-	1	-	-	
Epping WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Romford, part of* WH	6,556	4,324	3	5	1	2	-	-	-	-	-	-	-	-	-	-	-	
Ilford	8,493	10,913	18	4	2	1	-	-	-	-	-	-	-	-	-	-	-	
Barking Town, H	3,514	14,301	12	3	1	1	-	-	-	-	-	-	-	-	-	-	-	
N. W. Fever Hospital, Hampstead.	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	-	
Middlesex Co. Lunatic Asy., Wandsworth.	-	-	-	4	-	1	-	-	-	-	-	-	-	-	-	4	-	
London Co. Lunatic Asy., Cane Hill.	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	

parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warringham and Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in 1871; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Northaw in 1871; 189: 1, the parish of Dagenham in Romford sub-district.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 25th February, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Deaths in Public Houses.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
GREATER LONDON	443,421	6,528,434	19.2	1.5	2407	459	731	-	40	10	45	65	19	12	86	6		
INNER LONDON -	74,672	4,546,752	21.5	1.7	1875	351	563	-	32	7	29	55	14	10	68	5		
OUTER RING -	368,749	1,981,682	14.0	1.2	532	108	168	-	8	3	16	10	5	2	18	1		

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Deaths in Public Houses.
EDINBURGH -	298,927	February 25	136	154	26.9	-	3	1	1	10	2		
GLASGOW -	733,903	" 25	445	355	25.3	-	7	3	2	9	1		
DUBLIN -	349,594	" 25	264	203	30.3	-	-	3	-	2	4		
CALCUTTA -	466,460	January 14	-	309	34.5	-	-	-	1	-	102†		
BOMBAY -	821,764	February 7	184	1580	100.0	1	36	?	?	?	711†		
MADRAS -	452,518	January 20	-	-	-	-	-	-	-	-	-		
PARIS -	2,511,629	February 18	1294	983	20.3	-	13	4	4*	8	13		
BRUSSELS -	551,011	" 18	273	223	21.0	-	17	1	2*	6	2		
AMSTERDAM -	512,758	" 11	306	154	15.6	-	-	1	2	4	2		
ROTTERDAM -	306,439	" 11	239	113	19.1	-	-	-	5	3	2		
THE HAGUE -	196,325	" 11	117	58	15.1	-	1	-	-	2	1		
COPENHAGEN -	345,000	" 18	181	197	29.8	-	4	5	1	2	2		
STOCKHOLM -	283,550	" 11	125	190	34.8	-	3	-	11*	2	-		
CHRISTIANIA -	203,337	" 18	172	104	26.6	-	-	2	-	-	-		
ST. PETERSBURG	1,132,677	" 11	730	604	27.8	1	7	5	13	8	37		
MOSCOW -	988,610	" 11	-	465	24.5	3	13	12	6	3	5		
BERLIN -	1,805,054	" 4	929	575	16.6	-	7	6	17	8	1		
HAMBURG -	675,351	" 18	-	227	17.5	-	-	-	-	9	-		
DRESDEN -	388,300	January 7	-	-	-	-	-	-	-	-	-		
BRESLAU -	406,012	February 18	-	263	33.8	-	-	1	2	3	1		
MUNICH -	445,000	" 18	-	200	23.4	-	-	-	1*	3	-		
VIENNA -	1,606,629	" 18	941	790	25.6	-	14	8	17*	6	1		
PRAGUE -	380,497	" 11	219	215	29.3	-	11	1	5	2	5		
BUDA-PESTH -	666,722	" 11	490	351	27.4	-	5	5	5	-	13		
TRIESTE -	165,913	" 11	-	-	-	-	-	-	-	-	-		
ROME -	500,610	" 4	257	180	18.7	-	-	-	3	1	1		
TURIN (10 days)	344,203	January 20	-	-	-	-	-	-	-	-	-		
VENICE -	169,383	February 18	99	106	32.5	-	9	-	4*	4	-		
CAIRO -	570,062	-	-	-	-	-	-	-	-	-	-		
ALEXANDRIA -	319,766	-	-	-	-	-	-	-	-	-	-		
NEW YORK (including BROOKLYN)	3,550,053	February 4	-	-	-	-	-	-	-	-	-		
PHILADELPHIA -	1,266,832	" 11	-	-	-	-	-	-	-	-	-		

\* Including deaths from croup.

† Including 2 deaths from plague in Calcutta and 588 in Bombay.

‡ Including 22 deaths from cholera in Calcutta and 2 in Bombay.



1899.  MONTH AND DAY		Phases of the Moon.	TEMPERATURE.				TEMPERATURE.				TEMPERATURE.				Wind as deduced from Anemometers.				Rain collected in a Gauge whose receiving funnel is placed above the Ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			Of the Air.		Of the Dew point.		Difference between the High and Low point of Temperature.		Of Radiation.		Of the Earth before the Surface.		General Direction.		Pressure on the Square Foot.		Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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			High-est.	Low-est.	Daily Range.	Mean daily value.	De-parture from the daily Average value, 50 years.	Mean daily value.	Great-est.	Least.	Highest in the Sun's Rays.	Lowest on the Grass.	A.M.	P.M.	Great-est.	Least.	Mean hourly obs.	Horizontal Movement of the Air on each Day.				Departure from the Average of 16 years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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The results apply to the civil day, or from midnight to midnight. The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level. Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1880, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875. Arranging columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined. The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: - P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 23, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day. The reading of the barometer increased from 29.94 in. at the beginning of the week to 30.21 in. by 11h. A.M. on the 22nd; decreased to 30.09 in. by 4h. P.M. on the 23rd and increased to 30.20 in. by the end of the week.

DATE.		GENERAL REMARKS.									
FEBRUARY.											
SUNDAY - 19	W. P. generally	-	0.0	10.2	Overcast and foggy till 8h. P.M.; variable afterwards. Great gloom prevalent in afternoon. Lunar halo at night. Slight rain at 11h. P.M.						
MONDAY - 20	W. P. generally; a little w. N. in early morning.	-	0.0	10.3	Overcast. A little misty rain in evening.						
TUESDAY - 21	W. P. throughout	-	8.3	10.3	Overcast in early morning; very fine afterwards. Cloudless after 5h. P.M.						
WEDNESDAY - 22	m. P. till noon; s. P. afterwards.	-	8.9	10.4	Generally cloudless; a very fine day. Hoar frost in morning and at night.						
THURSDAY - 23	s. P. generally	-	8.6	10.5	A very fine day. Lunar halo and slight fog at night. Hoar frost.						
FRIDAY - 24	s. P. generally	-	5.6	10.5	Hoar frost and dense fog in morning; very fine afterwards. Hoar frost and slight fog at night.						
SATURDAY - 25	s. P. till 11h. A.M.; m. P. till 9h. P.M.; s. P. afterwards.	-	7.5	10.6	Generally cloudless; very fine. Hoar frost and fog in morning and at night.						
MEANS	-	-	Sum 38.9	Sum 72.8							
No. of Col. -	-	-	28	29							



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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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General Register Office, Somerset House,  
March 6th, 1899.

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 21·6 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Feb. 11.	Feb. 18.	Feb. 25.	Mar. 4.		Feb. 11.	Feb. 18.	Feb. 25.	Mar. 4.
33 Great Towns	21·9	19·5	20·6	21·6	Leicester - -	16·3	10·5	14·1	14·6
Birkenhead -	19·5	25·4	20·4	25·4	Liverpool - -	30·5	27·9	26·7	29·8
Birmingham -	22·2	17·8	18·8	20·2	London - - -	22·8	19·3	21·5	22·1
Blackburn -	16·6	16·6	32·0	23·9	Manchester - -	25·0	23·4	25·8	29·6
Bolton - - -	24·4	17·7	22·5	19·3	Newcastle-on-Tyne	19·4	21·4	20·1	21·2
Bradford -	17·0	17·9	21·2	19·9	Norwich - - -	15·7	15·2	12·9	19·8
Brighton -	14·0	16·5	18·2	16·9	Nottingham -	24·4	17·2	17·6	19·4
Bristol - - -	21·8	17·9	15·4	16·4	Oldham - - -	25·2	20·4	20·1	21·1
Burnley - -	11·1	16·6	13·8	14·8	Plymouth - - -	20·2	20·7	22·8	18·1
Cardiff - - -	16·8	14·9	16·3	13·7	Portsmouth - -	20·0	14·5	15·3	16·7
Croydon - - -	15·1	15·5	18·4	13·1	Preston - - -	32·4	28·8	21·3	25·3
Derby - - -	20·1	20·1	20·1	21·6	Salford - - -	22·7	27·7	22·2	19·8
Gateshead -	18·1	21·5	19·1	22·0	Sheffield - - -	19·6	20·5	19·6	22·5
Halifax - -	20·3	20·3	15·5	20·3	Sunderland - -	27·9	23·6	23·3	23·3
Huddersfield-	16·1	12·1	20·7	21·2	Swansea - - -	22·1	19·1	20·1	16·1
Hull - - -	16·2	14·9	17·1	17·8	West Ham - - -	16·3	16·3	15·3	19·8
Leeds - - -	20·9	18·3	18·2	20·8	Wolverhampton -	20·0	20·0	15·9	19·4

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Derby, 1·2 in Salford, 2·2 in Manchester, and 4·0 in West Ham; from "*scarlet fever*," 1·1 in Sunderland; from *whooping-cough*, 1·0 in Plymouth, in Swansea, and in Bolton, 1·1 in Hull and in Sunderland, and 1·8 in Birkenhead; from "*fever*," 1·2 in Wolverhampton; and from *diarrhœa*, 1·3 in Bolton. The 96 deaths from *diphtheria* included 48 in London, 7 in West Ham, 7 in Liverpool, 5 in Swansea, 5 in Sheffield, 4 in Blackburn, 4 in Leeds, 3 in Portsmouth, and 3 in Leicester. No death from *small-pox* was registered in any of the thirty-three towns.

#### LONDON.

In LONDON† 2676 BIRTHS and 1925 DEATHS were registered. Allowing for increase of population, the births were 68, and the deaths 30,

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 22·8, 19·3, and 21·5 in the preceding three weeks, further rose last week to 22·1. During the four weeks ending on Saturday last the death-rate averaged 21·4 per 1000, being 0·2 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1925 deaths included 36 from measles, 7 from scarlet fever, 48 from diphtheria, 64 from whooping-cough, 9 from enteric fever, 12 from diarrhoea and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 176 deaths were referred to these diseases, being 16 below the corrected average weekly number.

The deaths from *measles*, which had been 21, 27, and 32 in the preceding three weeks, further rose last week to 36, but were 18 below the corrected average; 5 cases belonged to Islington, 5 to Hackney, 4 to St. Pancras, and 4 to Camberwell sanitary areas. The deaths from *scarlet fever*, which had been 7, 4, and 7 in the preceding three weeks, were again 7 last week, the corrected average being 14; 2 cases belonged to Mile End Old Town sanitary area. The deaths from *diphtheria*, which had been 49, 40, and 29 in the preceding three weeks, rose again last week to 48, and were 10 above the corrected average; 5 cases belonged to Bethnal Green, 4 to Fulham, 3 to St. Marylebone, 3 to St. Pancras, 3 to Hackney, 3 to Bermondsey, and 3 to Lambeth sanitary areas. The deaths from *whooping-cough*, which had been 45, 38, and 55 in the preceding three weeks, further rose last week to 64, and were 3 above the corrected average; 8 cases belonged to Islington, 8 to Newington, and 7 to St. Pancras sanitary areas. The fatal cases of *enteric fever*, which had been 20, 16, and 13 in the preceding three weeks, further fell last week to 9, and were equal to the corrected average. The deaths from *diarrhoea*, which had been 15, 11, and 10 in the preceding three weeks, rose again last week to 12, but were 3 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 481, 413, and 484 in the preceding three weeks, fell again last week to 470, and were 87 below the corrected average. The deaths attributed directly to *influenza* numbered 97, having been 50, 74, and 113 in the preceding three weeks.

Different forms of violence caused 76 deaths, concerning all but 1 of which inquests were held. Of these 76 deaths, 12 were cases of suicide, and 2 of homicide, while the remaining 62 were attributed to accident or negligence. Seven of these were referred to vehicles in the streets, 5 to drowning, and 17 (of infants under one year of age) to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS\*.

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2 cases of small-pox, 2584 of scarlet fever, 1374 of diphtheria, 207 of enteric fever, and 5 of typhus under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 236 cases, against 253, 202, and 241; of diphtheria, 142 cases, against 177, 179, and 149; and of enteric fever, 27 cases, against 42, 30, and 23.

#### GREATER LONDON.

In Greater London 3740 births and 2477 deaths were registered, corresponding to annual rates of 29·9 and 19·8 per 1000 of the estimated population. In the Outer Ring 30 deaths from measles, 6 from scarlet fever, 19 from diphtheria, 13 from whooping-cough, 5 from "fever," and 1 from diarrhoea were registered. Twenty-four deaths from measles and 9 from diphtheria occurred in West Ham district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 30·21 inches, and that of the Thermometer 38°0; the latter being 2°·4 below the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 40 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 34·1 hours; the measured rainfall amounted to 0·04 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Small-pox, Scarlet Fever, Diphtheria, Enteric Fever or Typhus respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.





TABLE 2. LONDON.—Births and Deaths Registered in the NINTH Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2608	2560	2872	2295	2783	2564	2671	2623	2511	2585	2743.6	2676
Males - -	1321	1284	1419	1183	1416	1336	1349	1343	1279	1356	1395.7	1409
Females - -	1287	1276	1453	1112	1367	1228	1322	1285	1232	1229	1347.9	1267
<b>TOTAL Deaths</b>	1472	1803	2019	1545	1718	1748	3246	1729	1493	1805	1954.6	1925
Males - -	737	888	1009	767	850	865	1562	868	768	925	972.1	984
Females - -	735	915	1010	778	868	883	1684	861	725	880	982.5	941

\*The numbers in this column are the average weekly numbers in the ninth week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Dec. 10.	Dec. 17.	Dec. 24.	Dec. 31.	Jan. 7.	Jan. 14.	Jan. 21.	Jan. 28.	Feb. 4.	Feb. 11.	Feb. 18.	Feb. 25.	Mar. 4.
<b>TOTAL Births</b>	2577	2519	2422	2215	2893	2435	2811	2686	2696	2802	2862	2752	2676
<b>TOTAL Deaths</b>	1447	1423	1470	1593	1666	1568	1503	1381	1690	1991	1686	1875	1925
<b>Ages at Death</b>													
Under 1 year - -	289	286	292	339	325	320	289	284	330	430	328	351	395
1-5 years - -	166	176	189	188	175	177	169	168	181	210	201	245	229
5-20 " - -	77	88	100	95	78	87	173	87	78	109	101	104	91
20-40 " - -	196	174	213	188	224	223	220	167	224	252	204	248	249
40-60 " - -	320	317	292	354	390	331	327	298	358	399	321	364	387
60-90 " - -	331	303	316	350	396	346	341	305	417	472	426	433	474
80 years and upwards	68	79	68	79	78	84	79	72	92	119	105	130	100
<b>Deaths from—</b>													
Small pox - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles - -	22	31	24	31	27	27	30	21	22	21	27	32	36
Scarlet Fever - -	11	6	14	12	11	8	8	12	8	7	4	7	7
Diphtheria - -	43	40	46	47	30	34	30	31	32	49	40	29	48
Whooping-cough - -	22	26	21	32	41	37	40	36	50	45	38	55	64
Typhus - -	1	-	-	-	-	-	-	-	1	-	-	1	-
Enteric Fever - -	26	19	21	15	17	10	16	15	10	20	16	13	9
Simple Continued Fever - -	-	-	-	1	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery - -	19	13	19	14	13	11	10	8	10	15	11	10	12
Cholera - -	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>All the above Diseases</b>	144	135	145	152	139	127	134	123	133	157	136	147	176
<b>Dis. of Respiratory System—</b>													
Phthisis - -	295	283	284	306	365	363	295	266	348	481	413	484	470
Dis. of Circulatory System - -	156	143	156	165	163	179	154	144	188	192	154	175	206
Dis. of Circulatory System - -	140	123	136	157	186	152	153	121	165	194	156	172	183
Violence - -	53	72	73	93	82	77	74	80	74	69	79	68	76
Inquest Cases - -	131	146	153	209	209	171	142	161	152	178	166	151	182
Deaths in Public Institutions - -	474	449	470	488	540	485	474	462	539	593	471	556	577
<b>TEMPERATURE OF THE AIR.</b>													
Mean - -	49.4	48.0	40.1	43.3	42.0	46.0	47.4	38.2	35.5	47.4	45.6	40.7	38.0
Mean of Highest readings - -	52.7	51.9	45.3	48.1	46.9	50.7	51.9	43.2	40.1	51.7	51.7	48.2	47.7
Mean of Lowest readings - -	45.1	43.0	34.6	36.8	36.2	39.8	41.9	33.7	30.6	42.7	39.9	34.0	28.3
<b>Humidity of the Air</b>	83	86	80	84	87	83	84	80	83	83	82	81	79
<b>Rain-fall (in inches)</b>	1.34	0.00	0.02	0.81	0.24	1.03	1.00	0.08	0.18	1.19	0.72	0.02	0.04
<b>Registered Sunshine (in hours)</b>	6.7	0.8	12.9	14.0	5.6	20.3	3.3	35.8	7.4	10.5	22.0	18.9	34.1
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - -	-	-	-	-	1	1	1	-	-	-	-	2	2
Scarlet Fever - -	3090	3043	2901	2939	2912	2777	2749	2679	2665	2642	2587	2575	2584
Diphtheria - -	1314	1310	1261	1248	1256	1257	1304	1368	1377	1373	1403	1394	1374
Enteric Fever - -	286	285	266	255	254	250	243	249	229	228	231	215	207

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and F. Schoobyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.F.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the NINTH Week of the Year 1899.

USES OF DEATH		Corrected Averages for the 10 years 1889-98.	In the Week ending Saturday, 4th March 1899.							Corrected Averages for the 10 years 1889-98.	In the Week ending Saturday, 4th March 1899.									
			Deaths of Persons of the Ages								Deaths of Persons of the Ages									
			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.		80 years and upwards.	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	
				0-1.	1-5.	5-20.							0-1.	1-5.	5-20.					
CAUSES		19546	1925	395	229	91	249	387	474	100	Diseases of Circulatory System	1652	183	-	-	11	31	60	68	10
1- Vaccinated Unvaccinated (No Statement)		06	-	-	-	-	-	-	-	-	Croup	80	2	1	1	-	-	-	-	-
		05	-	-	-	-	-	-	-	-	Bronchitis	3359	275	58	19	1	5	46	122	24
		03	-	-	-	-	-	-	-	-	Pneumonia	1639	156	50	40	5	14	23	21	3
		538	36	6	30	-	-	-	-	-	Pleurisy	81	8	1	3	-	-	3	1	-
		140	7	-	5	2	-	-	-	-	Other Diseases of Respiratory System	403	29	3	4	3	2	4	10	3
		02	-	-	-	-	-	-	-	-	Dentition	121	5	3	2	-	-	-	-	-
		528	97	5	7	2	10	28	37	8	Quinsy, Sore Throat	25	3	1	1	-	-	1	-	-
		610	61	23	37	4	-	-	-	-	Enteritis	120	23	14	1	1	4	-	2	1
		382	48	5	31	11	-	1	-	-	Peritonitis	62	-	-	-	-	-	-	-	-
		02	-	-	-	-	-	-	-	-	Diseases of Liver	257	33	-	-	-	6	16	10	1
e Continued and ic Fever ra and Chol. Diarr. hoen, Dysentery tent Fever phobia ers ox and Effects of cination eal Affections elas na and Septicæmia eral Fever ymotic Diseases		85	9	-	2	4	3	-	-	Other Diseases of Digestive System	302	21	3	-	1	4	8	5	-	
		02	-	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands	14	1	-	-	-	1	-	-	-	-
		02	-	-	-	-	-	-	-	Diseases of Urinary System	496	52	-	-	-	5	16	28	3	-
		98	7	4	-	-	1	1	1	-	Diseases of Generative System	58	4	-	-	-	2	2	-	-
		51	2	2	-	-	-	-	-	Accidents of Childbirth	53	4	-	-	-	4	-	-	-	-
		15	3	2	-	-	-	-	-	Diseases of Locomotive System	69	4	1	1	1	1	-	-	-	-
		47	2	-	-	-	2	-	-	Diseases of Integumentary System	58	8	3	1	-	-	1	3	-	-
		22	-	-	-	-	-	-	-	VIOLENT DEATHS†										
		11	-	-	-	-	-	-	-	(ACCIDENT.)										
		07	-	-	-	-	-	-	-	By Railways	7	-	1	1	2	1	2	-	-	-
ation, Want of ast-milk olism  matic Fever, umatism of Heart matism ts Mesenterica ecular Meningitis sis a, Tuberculosis Constitutional ases  ature Birth ctasis enital Malforma- ge		23	6	6	-	-	-	-	By Vehicles or Horses	17	-	-	-	-	-	-	-	-	-	
		87	11	-	-	-	7	4	-	In Ships, Boats, Docks, (exclusive of Drowning)	-	-	-	-	-	-	-	-	-	-
		75	7	-	-	3	3	1	-	In Building Operations	3	-	-	-	-	2	1	-	-	-
		31	2	-	-	-	-	2	-	In Conflagrations	-	-	-	-	-	-	-	-	-	-
		32	2	-	-	-	-	-	-	By Burns, Scalds, Explosions	514	6	-	2	3	1	-	-	-	-
		44	2	-	1	1	-	-	-	By Drowning	5	-	-	1	2	2	-	-	-	-
		698	90	-	-	-	7	38	44	1	By Suffocation in Bed	17	17	-	-	-	-	-	-	-
		210	11	6	2	3	-	-	-	By Poisons or Poisonous Vapours	-	-	-	-	-	-	-	-	-	-
		221	18	6	7	3	2	-	-	Other or not stated causes	24	2	2	4	3	3	7	3	-	-
		1764	206	1	216	96	73	18	-	(VIOLENCE OTHER THAN ACCIDENTAL.)										
Nervous System  ses of Organs of cial Sense		213	23	2	5	3	3	6	4	Homicide	14	2	2	-	-	-	-	-	-	-
		140	18	-	-	1	3	8	5	Suicide	83	12	-	-	-	7	5	-	-	-
		537	60	60	-	-	-	-	-	Execution	02	-	-	-	-	-	-	-	-	-
		33	10	10	-	-	-	-	-	OTHER CAUSES	550	46	38	3	-	-	1	3	1	-
		96	8	8	-	-	-	-	-											
		601	63	-	-	-	-	31	32											
		475	43	-	-	-	314	21	5											
		92	7	-	-	1	3	1	2											
		448	43	37	6	-	-	-	-											
		969	71	9	14	3	414	24	3											

the numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder manslaughter or suicide. All such cases are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 4th March, 1899.

The DEATHS registered during the Week include																		
REGISTRATION SUB-DISTRICTS.	Enu- me- rated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of														Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.		
LONDON - - -	4,411,710	2676	1925	395	574	-	36	7	48	64	-	9	-	12	76	182	577	
WEST DISTRICTS	778,251	379	335	62	117	-	3	1	5	15	-	-	-	2	13	25	102	
NORTH DISTRICTS	1,040,694	593	428	85	128	-	14	-	13	19	-	7	-	1	15	50	106	
CENTRAL DISTRICTS	233,635	118	108	22	18	-	1	-	-	3	-	-	-	2	4	9	43	
EAST DISTRICTS	716,334	534	345	78	86	-	9	1	4	6	-	1	-	1	19	43	118	
SOUTH DISTRICTS	1,642,796	1052	675	148	214	-	9	3	26	21	-	1	-	6	25	55	174	
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*	-	-	34	-	11	-	-	2	-	-	-	-	-	-	-	-	34	
WEST DISTRICTS.																		
St. Mary Paddington } G. & W.	90,996	47	34	2	12	-	1	-	-	1	-	-	-	-	-	1	9	
WHH } St. John Paddington H - - G.	33,510	3	11	1	4	-	-	-	-	1	-	-	-	-	2	2	5	
Kensington Town Ww - - W.	122,164	56	65	7	29	-	-	-	-	2	-	-	-	-	1	2	3	
Brompton HH- - - W & C.	48,301	8	9	-	4	-	-	-	-	-	-	-	-	-	1	1	1	
St. Peter Hammersmith - - W.	9,097	3	2	2	-	-	-	-	-	1	-	-	-	-	-	-	-	
St. Paul Hammersmith HH W. & G.	25,102	57	38	14	6	-	2	-	1	3	-	-	-	-	1	6	1	
Fulham Ww - - - W. & C.	113,781	99	54	16	14	-	-	1	3	4	-	-	-	-	1	2	19	
Chelsea Kensal Town - - C.	21,450	11	15	4	5	-	-	-	-	-	-	-	-	-	3	4	-	
Chelsea North WHHHHH - C.	42,057	19	24	2	11	-	-	-	1	2	-	-	-	-	1	1	11	
Chelsea South HF - - C.	33,139	11	17	2	5	-	-	-	-	1	-	-	-	-	1	2	1	
May Fair W - - - G.	23,827	3	11	-	9	-	-	-	-	-	-	-	-	-	-	-	9	
Belgrave WHHH - - C.	56,140	24	25	4	8	-	-	-	-	-	-	-	-	-	-	-	13	
St. John Westminster HH - C.	31,492	12	15	6	5	-	-	-	-	-	-	-	-	-	2	3	-	
St. Margaret Westminster H- C.	22,097	9	7	-	2	-	-	-	-	-	-	-	-	-	-	-	5	
St. James Westminster } N. & G.	23,050	8	5	2	2	-	-	-	-	-	-	-	-	-	-	-	1	
WHH } St. Anne Soho HHHHHH - N.	12,048	9	3	-	1	-	-	-	-	-	-	-	-	-	-	-	1	
NORTH DISTRICTS.																		
All Souls Marylebone } - - W.	36,595	11	17	-	6	-	-	-	-	-	-	1	-	-	-	1	9	
HHHHHHHHH } Rectory Marylebone W } G. & W.	19,798	6	9	-	5	-	-	-	-	-	-	-	-	-	-	3	4	
St. Mary Marylebone } G. & W.	19,637	40	11	1	6	-	-	-	-	1	-	-	-	-	-	-	2	
HHHH } Christchurch Marylebone H - W	32,547	15	8	2	4	-	-	-	-	-	-	-	-	-	-	-	-	
St. John Marylebone HHH W.	32,611	17	18	3	5	-	-	-	1	1	-	1	-	1	-	-	-	
Hampstead } - - N. & W.	75,449	31	30	4	4	-	-	-	4	-	-	2	-	-	4	4	13	
WwHHHH } Regent's Park Pancras HH - W.	37,341	23	19	6	5	-	-	-	-	1	-	-	-	-	1	2	2	
Tottenham-court } - N. & W.	26,757	11	20	2	5	-	-	-	1	1	-	1	-	-	-	-	10	
wHHHH } Gray's Inn Lane HHH - - N.	29,426	11	12	3	2	-	-	-	-	1	-	-	-	-	1	3	2	
Somers Town HH - - N.	32,161	22	17	7	2	-	-	-	1	2	-	-	-	-	2	6	3	
Camden Town WH - - N.	16,669	10	13	2	7	-	-	-	-	-	-	-	-	-	1	2	8	
Kentish Town WW - - N.	98,410	58	47	10	16	-	4	-	-	-	2	-	-	-	1	3	11	
Upper Holloway } - - N.	98,273	43	48	7	17	-	1	-	-	2	-	-	-	-	1	9	20	
WWWwHH } Islington South-west H - - N.	107,365	78	34	6	7	-	3	-	-	3	-	-	-	-	2	1	-	
Islington South-east - - N.	66,549	34	26	7	6	-	-	-	-	2	-	-	-	-	-	1	-	
Highbury HH - - N.	64,577	29	10	4	3	-	1	-	-	1	-	-	-	-	-	-	-	
Stoke Newington H - - N.	33,485	15	9	1	4	-	-	-	-	-	-	-	-	-	-	-	-	
North Hackney - - E. & N.	213,044	34	17	5	4	-	-	-	1	2	-	-	-	-	-	-	-	
Central Hackney ww - - E. & N.		24	18	7	3	-	2	-	-	4	-	2	-	-	-	3	6	
South-west Hackney HHH E. & N.		41	17	3	4	-	1	-	-	-	-	-	-	-	5	6	6	
South-east Hackney WwH E. & N.		40	28	5	13	-	1	-	1	-	-	-	-	-	1	7	10	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated the namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers received; w—Workhouse Establishment receiving inmates from other Districts than that in which it stands. R—Roman capitals signify the Water Companies which supply the different Sub-districts;—G, signifies Grand Junction Company; W, West Middlesex; C, Chelsea; S, Southwark and Vauxhall; L, Lambeth; N, New River; E, London; and K, the Kent Company.

See note on first page of this Return

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday 4th March, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enum- rated Popu- lation. 1896.	Total BIRTHS.	The DEATHS registered during the Week include															Deaths in Public Institutions	Uncertified Deaths.	Causes of Death.
			Total DEATHS	Deaths of		Deaths from														
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence	Inquest Cases.				
CENTRAL DISTRICTS.																				
St. George Bloomsbury - - N.	16,110	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Giles South WH - - N.	12,976	17	5	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Giles North H - - N.	3,151	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1		
St. Martin-in-the-Fields HHN. & C.	13,077	2	7	2	2	-	-	-	-	-	-	-	-	-	-	1	1	5		
Grand WHH - - - N.	11,839	1	12	-	12	-	-	-	-	-	-	-	-	-	-	-	-	9		
Grand Union Workhouse, Edmonton	†1,037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Olborn vHHHHHHH - - N.	31,042	9	15	3	2	-	-	-	-	1	-	-	-	-	-	-	-	4		
St. James Clerkenwell - - N.	15,777	6	5	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. Andrew Clerkenwell - - N.	34,356	17	6	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. Andrew's-street - - - N.	16,069	15	11	7	1	-	-	-	-	1	-	-	-	-	1	-	1	-		
St. Andrew's-road HHHH - - N.	29,597	24	14	3	1	-	1	-	-	-	-	-	-	-	-	-	2	-		
St. Andrew's-cross-street - - N.	7,595	2	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-		
St. Andrew's-bury - - - N.	4,035	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Olborn Union Workhouse, Mitcham	†892	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. Botolph H - - N. & E.	6,870	3	3	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-		
St. Botolph's-legate - - - N.	3,299	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph's Sepulchre WH - - N.	9,591	6	21	2	2	-	-	-	-	-	-	-	-	-	-	3	3	18		
St. Botolph's-hallows Barking - - N.	9,059	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph's-road Street H - - N.	2,892	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph's-city of London Asylum, Stone - -	†388	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
EAST DISTRICTS.																				
St. Andrew's-ditch South HI - E. & N.	17,975	9	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew's-ditch New Town w - - N.	29,575	28	19	5	5	-	-	-	-	1	-	-	-	-	-	1	2	6		
St. Andrew's-ditch Old Town - - N.	27,645	20	13	5	2	-	-	-	-	-	-	-	-	-	-	1	5	-		
St. Andrew's-ditchaggerston WH - - N. & E.	47,163	35	36	9	9	-	3	-	-	-	-	-	-	-	-	-	14	-		
St. Andrew's-ditch Green North H - E.	49,301	35	12	2	1	-	2	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew's-ditch Green South - - E.	34,194	27	9	-	2	-	-	-	-	2	-	-	-	-	-	-	-	-		
St. Andrew's-ditch Green East WHI - E.	46,667	22	23	7	3	-	-	-	2	-	-	-	-	-	-	1	3	9		
St. Andrew's-ditchfields - - - E. & N.	26,681	11	3	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew's-ditch End New Town* WH - E.	51,995	27	48	10	5	-	1	-	-	2	-	1	-	-	-	6	8	39		
St. Andrew's-ditch End Goodman's Fields* - - E.		16	6	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
St. George's North - - - E.	39,576	36	10	5	3	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. John, St. George East W E.	7,930	3	10	2	2	-	-	-	-	-	-	-	-	-	-	2	5	-		
St. Hadwell H - - - E. & N.	10,494	8	8	3	2	-	-	-	1	-	-	-	-	-	-	-	2	4		
St. Hatcliff W - - - E.	14,954	11	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Limehouse - - - E.	32,917	33	12	5	3	-	-	-	-	-	-	-	-	-	-	-	2	-		
St. Andrew's-ditch End Old Town West H E.	111,080	40	19	6	2	-	1	-	-	1	-	-	-	-	-	1	4	-		
St. Andrew's-ditch End Old Town East WWWW - E.		39	38	5	16	-	-	1	-	-	-	-	-	-	-	1	3	15		
St. Andrew's-ditch End Old Town East WWWW - E.	41,687	31	13	2	7	-	-	-	-	-	-	-	-	-	-	-	2	3		
St. Andrew's-ditch End Old Town East WWWW - E.		57	34	6	11	-	-	-	1	-	-	-	-	-	-	-	3	5		
St. Andrew's-ditch End Old Town East WWWW - E.		46	23	4	9	-	-	-	-	-	-	-	-	-	-	1	3	5		

† Population in 1891, not included in the total population of the Central Districts or of London.

\* Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.





TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 4th March, 1899.

The DEATHS registered in the Week include																	
REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	Deaths from												
					Deaths of												
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
LONDON—OUTER RING	368,749	1,422,063	1064	552	113	138	-	30	6	19	13	5	1	14	31	62	4
1 Carshalton wHH	12,223	26,108	13	8	-	2	-	-	2	1	-	-	-	1	-	-	-
2 Epsom, part of* WwHH	10,423	12,508	9	5	2	1	-	-	-	-	-	-	-	-	-	1	-
1 Godstone, part of* W	2,754	1,598	6	1	-	-	-	-	-	-	1	-	-	-	1	-	-
1 Croydon WwHHH	20,851	128,699	75	38	5	19	-	-	-	-	1	-	-	-	-	-	-
2 Mitcham w	11,897	23,072	15	4	1	1	-	-	-	-	1	-	-	-	1	1	8
1 Wimbledon HHH	3,220	25,777	20	8	2	3	-	-	-	-	1	-	-	-	-	-	-
2 Kingston WH	-	33,566	20	15	2	4	-	-	-	-	-	-	-	1	2	-	-
3 Surbiton H-	14,672	12,178	6	5	1	2	-	-	-	-	1	-	-	-	-	2	-
4 Esher, part of* HH	-	11,080	7	4	1	-	-	-	-	-	-	-	-	-	1	-	-
5 Hampton HL	4,565	18,252	10	8	-	2	-	-	-	-	-	-	-	-	1	-	-
1 Richmond WH-	2,160	25,389	22	10	4	1	-	-	-	-	-	-	-	-	-	-	-
2 Mortlake H	2,823	16,159	10	4	-	3	-	-	-	-	-	-	-	-	1	-	-
1 Bromley HHH	9,127	23,815	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-
2 Beckenham H-	6,542	21,969	11	6	3	1	-	-	-	-	-	-	-	1	1	-	-
3 Chislehurst, part of* WHH	14,307	20,372	9	7	1	3	-	-	-	-	-	-	-	-	-	1	1
1 Bexley HHH	12,540	30,590	20	9	-	3	-	1	-	1	-	-	-	1	1	-	-
2 Dartford WH, part of*	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
1 Sunbury w	11,054	13,671	8	2	2	-	-	-	-	-	-	-	-	-	-	-	-
2 Staines WH	13,277	13,221	5	3	-	1	-	-	-	-	-	-	-	-	-	2	-
1 Hillingdon WHH	6,035	12,237	7	6	2	2	-	-	-	-	-	-	-	-	-	-	-
2 Uxbridge	12,757	7,253	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-
3 Hayes wH-	7,952	11,051	5	1	1	-	-	-	-	1	-	-	-	-	-	-	-
1 Isleworth WHH	6,967	26,004	20	14	3	4	-	-	1	2	-	-	-	-	-	7	-
2 Twickenham HH	2,415	16,027	5	8	1	1	-	-	1	-	-	-	-	-	-	-	-
3 Brentford HHHH	4,318	37,777	17	13	1	4	-	-	-	-	1	-	-	-	-	1	1
4 Chiswick	1,245	21,963	19	10	1	2	-	-	-	-	-	-	-	-	-	-	-
5 Acton WHH	6,132	30,945	21	12	3	-	-	-	-	-	1	-	-	1	-	-	-
1 Harrow HHH	13,809	15,715	8	5	1	3	-	-	-	-	-	-	-	2	2	1	-
2 Edgware HH	6,994	3,844	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 Willesden HHH	4,383	61,265	73	24	5	6	-	-	-	3	-	-	-	-	-	1	-
4 Hendon WH	8,382	15,843	16	12	6	2	-	-	-	-	1	-	-	2	2	3	-
1 South Mimms HH	-	6,367	3	3	1	1	-	-	-	-	-	-	-	-	-	-	-
2 Barnet WHH	21,077	14,152	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-
3 Finchley HHH-	4,688	25,820	13	5	-	1	-	-	-	1	-	-	-	-	-	-	-
1 Hornsey HH	3,039	61,097	42	22	1	5	-	-	-	-	1	1	-	1	1	-	-
2 Tottenham HH-	4,642	97,174	39	31	10	7	-	2	2	-	2	1	-	1	3	-	-
3 Edmonton Wvww	7,489	36,351	27	9	1	2	-	-	-	-	-	1	-	-	-	4	1
4 Enfield WvHH	12,602	31,536	18	9	-	2	-	1	-	-	-	-	-	1	2	-	-
5 Waltham Abbey-	11,017	6,066	4	3	-	1	-	-	-	-	-	-	-	-	-	-	-
6 Cheshunt H	8,480	9,620	8	3	1	-	-	-	-	-	-	-	-	-	1	-	-
1 Hatfield, part of* W-	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 Bushey H-	9,331	7,737	7	3	1	2	-	-	-	-	-	-	-	-	-	-	-
2 Watford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 Stratford H	-	38,612	24	14	4	4	-	-	-	-	-	-	-	-	-	3	-
2 Plaistow WvHHH	-	53,030	56	40	14	4	-	13	-	4	2	-	-	-	-	3	-
3 Canning Town H	4,706	54,750	52	31	7	1	-	9	-	2	1	1	-	1	5	2	-
4 Forest Gate w	-	53,511	40	23	1	7	-	-	-	2	1	-	-	-	-	-	-
5 East Ham wHH	3,266	32,713	57	20	5	5	-	-	-	1	-	-	-	-	-	-	-
6 Leyton WvWWH	4,334	70,188	58	38	7	11	-	2	-	-	1	-	-	-	1	2	17
1 Walthamstow HHL	6,501	57,330	55	30	6	6	-	-	-	2	1	1	-	-	1	2	1
2 Chigwell, part of* HHHH	11,779	12,941	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-
3 Epping WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 Romford, part of* WH	6,556	4,324	4	2	1	1	-	-	-	-	-	-	-	-	-	-	-
2 Ilford	8,493	10,913	19	6	3	2	-	-	-	-	-	-	-	-	-	-	-
3 Barking Town, H	3,614	14,301	14	5	1	2	-	-	-	-	-	-	-	-	-	-	-
Middlesex Co. Lunatic Asy., Wandsworth.	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	2	-
N. E. Fever Hospital, Tottenham.	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	-

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Waringham and Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in old sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189: 1, the parish of Daggenham in Romford sub-district; also deaths in Workhouses and Hospitals for Contagious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 4th March, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include									
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from							
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
GREATER LONDON	443,421	6,528,434	19·8	2·0	2477	508	712	—	66	13	67	77	14	13	90
INNER LONDON -	74,672	4,546,752	22·1	2·0	1925	395	574	—	36	7	48	64	9	12	76
OUTER RING -	368,749	1,981,682	14·5	1·9	552	113	138	—	30	6	19	13	5	1	14

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	
EDINBURGH -	298,927	March	4	151	137	23·9	-	5	-	2	7	-
GLASGOW -	733,903	"	4	473	371	26·4	-	7	4	1	11	4
DUBLIN -	349,594	"	4	222	214	31·9	-	-	4	-	5	6
CALCUTTA -	466,460	January	21	-	345	38·5	-	-	-	1	-	102†
BOMBAY -	821,764	February	14	228	1770	112·0	5	56	?	?	?	835†
MADRAS -	452,518	January	20	335	401	46·0	1	5	?	?	?	46
PARIS -	2,511,629	February	25	1144	982	20·3	-	22	3	7*	14	7
BRUSSELS -	551,011	"	25	261	222	20·9	-	14	-	-	3	1
AMSTERDAM -	512,758	"	18	288	158	16·0	-	2	-	2	3	1
ROTTERDAM -	306,439	"	18	216	97	16·2	-	-	1	2	2	2
THE HAGUE -	196,325	"	18	112	50	13·1	-	-	-	-	1	-
COPENHAGEN -	345,000	"	25	192	167	25·2	-	8	3	3	4	-
STOCKHOLM -	283,550	"	18	142	133	24·4	-	7	2	6*	2	-
CHRISTIANIA -	209,337	"	25	128	90	23·0	-	-	1	-	-	1
ST. PETERSBURG	1,132,677	"	18	775	594	27·3	-	8	10	26	3	21
MOSCOW -	988,610	"	18	-	496	26·2	5	16	7	13	3	6
BERLIN -	1,805,054	"	11	964	605	17·4	1	7	8	11	22	-
HAMBURG -	675,351	"	25	-	235	18·1	-	-	-	4*	2	-
DRESDEN -	388,300	January	14	-	-	-	-	-	-	-	-	-
BRESLAU -	406,012	February	25	-	233	29·9	-	-	1	2	5	1
MUNICH -	445,000	"	25	-	189	22·1	-	-	-	2*	4	-
VIENNA -	1,606,629	"	25	978	736	23·8	-	8	7	15*	2	-
PRAGUE -	380,497	"	18	242	224	30·6	-	5	4	2	-	4
BUDA-PESTH -	666,722	"	18	506	408	31·8	-	6	5	2	-	6
TRIESTE -	165,913	"	18	130	62	19·4	-	-	1	1*	1	1
ROME -	500,610	"	11	282	191	19·9	-	2	-	1	4	35
TURIN (10 days)	344,203	January	10	227	205	21·7	-	-	-	2	4	3
VENICE -	169,883	February	25	-	-	-	-	-	-	-	-	-
CAIRO -	570,062	-	-	-	-	-	-	-	-	-	-	-
ALEXANDRIA -	319,766	-	-	-	-	-	-	-	-	-	-	-
NEW YORK (including BROOKLYN)	3,550,053	February	4	1719	1229	18·1	-	12	18	40	10	5
PHILADELPHIA -	1,266,832	"	11	-	569	23·4	-	1	2	26	7	41

\* Including deaths from croup.

† Including 1 death from plague in Calcutta and 710 in Bombay.

‡ Including 17 deaths from cholera in Calcutta and 3 in Madras.

§ Including 1 death from malarial fever.



1899.		Phases of the Moon.	Of the Air.				Of the Dew point.		Difference between the Air Temperature and Dew point Temperature.				Degree of Humidity (saturation equals 100°).		Of Radiation.		Of the Barometer, 3 feet below the Surface.		General Direction.		Oiler's.		Pressure on the Square Foot.		Robinson's.		collected in a Gauge receiving surfacels above average of Ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
MONTH AND DAY	FEBRUARY.		High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from Average value, 50 years.	Mean value.	Greatest.	Least.	Highest in Ray's.	Lowest of Grass.	°	°	°	°	°	°	A.M.	P.M.	Great- est.	Least.	Mean hourly obs.	Horizontal Movement of 24 hours on each Day.	Vertical Movement of 24 hours on each Day.	Miles.		Miles.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

DATE.		REMARKS.	
FEBRUARY.			
SUNDAY	- 26	s. P. generally	76
MONDAY	- 27	s. P. till noon; m. P. generally afterwards.	70
TUESDAY	- 28	s. P. throughout	71
MARCH			
WEDNESDAY	1	s. P. throughout.	05
THURSDAY	- 2	s. P. generally	53
FRIDAY	- 3	m. P. generally	53
SATURDAY	- 4	m. P. till 10h. A.M.; s. P. till 3h. P.M.; v. P. and v. N. till 5h. P.M.; m. P. afterwards.	13
No. of Col.	-		28

The results apply to the civil day, or from midnight to midnight. The height of the cistern of the barometer is 139 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level. Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875. In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average. The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined. The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: - P, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable. The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day. The reading of the barometer increased from 30°20 in. at the beginning of the week to 30°53 in. by 9h. A.M. on February 28th; decreased to 29°68 in. by 2h. P.M. on March 4th, and increased to 29°38 in. by the end of the week.



LONDON:  
PRINTED FOR HER MAJESTY'S STATIONERY OFFICE,  
By DARLING & SON, LTD., 1-3, GREAT ST. THOMAS APOSTLE, E.C.

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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,*

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No. 10. 1899. VOL. LX.] WEEK ENDING SATURDAY, MARCH 11. [Price 1½d.

*General Register Office, Somerset House,*

*March 13th, 1899.*

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 22·2 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Feb. 18.	Feb. 25.	Mar. 4.	Mar. 11.		Feb. 18.	Feb. 25.	Mar. 4.	Mar. 11.
33 Great Towns	19·5	20·6	21·6	22·2	Leicester - -	10·5	14·1	14·6	21·0
Birkenhead -	25·4	20·4	25·4	22·2	Liverpool - -	27·9	26·7	29·8	28·0
Birmingham -	17·8	18·8	20·2	17·4	London - - -	19·3	21·5	22·1	22·4
Blackburn - -	16·6	32·0	23·9	21·2	Manchester - -	23·4	25·8	29·6	27·8
Bolton - - -	17·7	22·5	19·3	22·2	Newcastle-on-Tyne	21·4	20·1	21·2	23·9
Bradford - -	17·9	21·2	19·9	21·9	Norwich - - -	15·2	12·9	19·8	22·1
Brighton - -	16·5	18·2	16·9	20·7	Nottingham - -	17·2	17·6	19·4	17·6
Bristol - - -	17·9	15·4	16·4	20·5	Oldham - - -	20·4	20·1	21·1	29·7
Burnley - - -	16·6	13·8	14·8	19·4	Plymouth - - -	20·7	22·8	18·1	21·2
Cardiff - - -	14·9	16·3	13·7	13·5	Portsmouth - -	14·5	15·3	16·7	18·0
Croydon - - -	15·5	18·4	13·1	16·3	Preston - - -	28·8	21·3	25·3	29·7
Derby - - - -	20·1	20·1	21·6	19·1	Salford - - - -	27·7	22·2	19·8	26·0
Gateshead - -	21·5	19·1	22·0	13·7	Sheffield - - -	20·5	19·6	22·5	27·1
Halifax - - -	20·3	15·5	20·3	30·4	Sunderland - -	23·6	23·3	23·3	18·3
Huddersfield -	12·1	20·7	16·1	18·6	Swansea - - -	19·1	20·1	16·1	16·6
Hull - - - - -	14·9	17·1	17·8	19·1	West Ham - - -	16·3	15·3	19·8	19·8
Leeds - - - -	18·3	18·2	20·8	20·5	Wolverhampton -	20·0	15·9	19·4	17·6

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·0 in Derby, 1·9 in Bolton, 2·6 in West Ham, and 2·8 in Manchester; from "*scarlet fever*," 1·0 in Derby, and 1·2 in Salford; and from *whooping-cough*, 1·1 in Halifax, 1·3 in Preston, 1·6 in Hull, 2·1 in Plymouth, and 2·7 in Birkenhead. In none of the thirty-three towns did the death-rate from "*fever*" or from *diarrhœa* reach 1·0 per 1000. The 90 deaths from *diphtheria* included 36 in London, 7 in Sheffield, 5 in Leicester, 5 in Leeds, 4 in Cardiff, 4 in Liverpool, 3 in West Ham, 3 in Portsmouth, 3 in Swansea, and 3 in Salford. No death from *small-pox* was registered in any of the thirty-three towns.

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

## LONDON.

In LONDON\* 2627 BIRTHS and 1954 DEATHS were registered. Allowing for increase of population, the births were 136, and the deaths 59, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 19·3, 21·5, and 22·1 in the preceding three weeks, further rose last week to 22·4. During the four weeks ending on Saturday last the death-rate averaged 21·3 per 1000, being 0·9 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1954 deaths included 38 from measles, 9 from scarlet fever, 36 from diphtheria, 55 from whooping-cough, 9 from enteric fever, 13 from diarrhoea and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 160 deaths were referred to these diseases, being 39 below the corrected average weekly number.

The deaths from *measles*, which had been 27, 32, and 36 in the preceding three weeks, further rose last week to 38, but were 27 below the corrected average; 9 cases belonged to Islington sanitary area. The deaths from *scarlet fever*, which had been 4, 7, and 7 in the preceding three weeks, rose last week to 9, but were 3 below the corrected average. The deaths from *diphtheria*, which had been 40, 29, and 48 in the preceding three weeks, fell again last week to 36, the corrected average being 37; 4 cases belonged to Poplar, 3 to Islington, and 3 to Camberwell sanitary areas. The deaths from *whooping-cough*, which had been 38, 55, and 64 in the preceding three weeks, fell again last week to 55, and were 7 below the corrected average; 7 cases belonged to Newington, 6 to Islington, 6 to Camberwell, 5 to Lambeth, and 5 to St. Pancras sanitary areas. The fatal cases of *enteric fever*, which had been 16, 13, and 9 in the preceding three weeks, were again 9 last week, the corrected average being 8; 2 cases belonged to Lambeth sanitary area. The deaths from *diarrhoea*, which had been 11, 10, and 12 in the preceding three weeks, further rose last week to 13, the corrected average being 14. The deaths referred to diseases of the respiratory organs, which had been 413, 484, and 470 in the preceding three weeks, rose again last week to 529, but were 29 below the corrected average. The deaths attributed directly to *influenza* numbered 100, having been 74, 113, and 97 in the preceding three weeks.

Different forms of violence caused 80 deaths, concerning all but 1 of which inquests were held. Of these 80 deaths, 14 were cases of suicide, while the remaining 66 were attributed to accident or negligence. Seven of these were referred to vehicles in the streets, 6 to drowning, 1 to the effects of chloroform administered for surgical purposes, and 18 (including 17 of infants under one year of age) to suffocation in bed.

## CASES OF INFECTIOUS SICKNESS IN HOSPITALS.†

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2 cases of small-pox, 2540 of scarlet fever, 1313 of diphtheria, 193 of enteric fever, and 7 of typhus under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 217 cases, against 202, 241, and 236; of diphtheria, 133 cases, against 179, 149, and 142; and of enteric fever, 14 cases, against 30, 23, and 27.

\* Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

† The figures for the Hospitals represent patients certified on admission to be suffering from Small-pox, Scarlet Fever, Diphtheria, Enteric Fever or Typhus respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.



# GREATER LONDON.

In Greater London 3709 births and 2594 deaths were registered, corresponding to annual rates of 29·6 and 20·7 per 1000 of the estimated population. In the Outer Ring 22 deaths from measles, 3 from scarlet fever, 14 from diphtheria, 21 from whooping-cough, and 4 from “fever” were registered. Eighteen deaths from measles, 6 from diphtheria, and 5 from whooping-cough occurred in West Ham district; 3 deaths from diphtheria occurred in Hendon district.

## METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·67 inches, and that of the Thermometer 40°·2; the latter being 0°·7 below the week's average in the 50 years 1841-90. The direction of the wind was south-westerly, the horizontal movement of the air being 25 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 43·7 hours; the measured rainfall amounted to 0·07 of an inch.

## RETURNS OF LONDON WATER COMPANIES.

The LONDON WATER COMPANIES have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of February 1899. The supply was in the ratio of 216 gallons to one service.

COMPANIES.	Number of Services.		Daily Supply of Water in Gallons.	
	FEBRUARY, 1898.	FEBRUARY, 1899.	FEBRUARY, 1898.	FEBRUARY, 1899.
TOTAL SUPPLY - - - - -	854,913	874,661	192,480,452	188,976,453
From Thames - - - - -	411,482	419,669	102,860,950	101,194,673
From Lea and from other Sources - - - - -	443,431	454,992	89,619,502	87,781,780
THAMES.				
Chelsea - - - - -	37,843	38,131	10,820,125	11,339,979
West Middlesex - - - - -	81,908	83,460	19,598,378	19,655,130
Southwark and Vauxhall - - - - -	121,277	122,361	31,720,858	30,167,008
Grand Junction - - - - -	61,997	63,750	19,101,989	17,964,985
Lambeth - - - - -	108,457	111,967	21,619,600	22,067,571
LEA AND OTHER SOURCES.				
New River - - - - -	163,379	165,805	33,375,605	33,899,582
East London - - - - -	193,296	193,963	41,414,785	37,878,000
Kent - - - - -	86,756	90,224	14,829,112	16,004,198

*Note.*—The Return for February 1899, as compared with that for the corresponding month of 1898 shows an increase of 19,748 services and a decrease of 3,503,999 gallons of water supplied daily.

## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING FEBRUARY, 1899.

*Water-analysis Laboratory, The Yewes, Reigate,  
7th March, 1899.*

SIR, I HAVE to report to you the results of the chemical analysis, and of the physical and bacterioscopic examination of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of February. These examinations include (a) the bacterioscopic and chemical condition of the raw river waters at the intakes of the various Companies, and (b) the bacteriology of the water as it issues from the filter beds of each Company, and before it is pumped into the distributing mains. I append, also, the results obtained in the analysis of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill, of Birmingham, and Dr. Mills, of Glasgow.

# *Analysis of Metropolitan Waters.*

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.		Date and Place of Collection.	Temperature in Centigrade degrees.	Total Solid Matter.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen as Ni- trates and Nitrites.	Total Combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.		°								
	(Unfiltered water) -	{ February 17th, Grand Junction Co.'s intake at Hampton. }	7.2	33.84	.405	.047	.006	.307	.359	1.9	22.7
	Chelsea - - -	{ February 21st, Cab Rank, Horse Guards, Whitehall. }	7.7	30.58	.274	.024	0	.290	.314	1.7	20.3
	West Middlesex -	{ February 21st, Cab Rank, Riding House- street. }	7.8	30.20	.277	.021	0	.284	.308	1.7	20.0
	Southwark - -	{ February 21st, Cab Rank, St. George's Church, Borough. }	7.3	30.38	.325	.032	0	.278	.310	1.7	20.0
	Grand Junction -	{ February 21st, Cab Rank, Portman- street, Oxford-street. }	7.5	30.16	.301	.032	0	.284	.326	1.7	19.7
	Lambeth - - -	{ February 21st, Cab Rank, St. George's- road, Southwark. }	7.9	29.94	.339	.036	0	.293	.329	1.7	19.4
	LEA.										
	(Unfiltered water) -	{ February 20th, New River Cut at Green Lanes. }	8.1	34.20	.204	.027	.008	.310	.344	1.8	23.6
	New River - -	{ February 21st, Cab Rank, Tottenham Court-road. }	7.8	34.42	.133	.015	0	.313	.328	1.8	20.9
Outer Circle.	(Unfiltered water) -	{ February 20th, E. London Co.'s intake at Angel-road. }	7.5	41.36	.303	.046	.019	.375	.437	2.1	28.1
	East London - -	{ February 21st, Cab Rank, Sidney-street, E. }	8.1	39.28	.188	.026	0	.344	.370	2.1	23.6
	DEEP WELLS.										
	Kent - - - -	{ February 21st, Police Station, Blackheath-road. }	13.3	41.86	.042	.005	0	.462	.467	2.1	27.4
	East London - -	{ February 28th, Waltham Abbey Well. }	—	28.64	.109	.010	.010	trace	.018	2.0	20.0
Corporation of Birming- ham* - - - -		{ February 16th, Lodge Terrace, 47 and 48, Lodge Road. }	8.9	31.60	.170	.020	.002	.350	.372	2.7	23.5
Corporation of Glasgow†		{ February 15th, Loch Katrine water. }	5.1	3.20	.176	.021	0	.006	.027	0.7	1.3
Column 1.		2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

\* Analysed by Dr. Alfred Hill, F.L.C., Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers contained in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus:—The Thames water collected on the 17th February at the Grand Junction Company's intake at Hampton had a temperature of 7.2° C.; 100,000 lbs. of it contained 33.84 lbs. of solid matter in solution; the organic substances, constituting a portion of this matter, contained .405 lb. of carbon and .047 lb. of nitrogen. The above quantity of water also contained .006 lb. of ammonia and .307 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was .359 lb. The above weight of water also contained 1.9 lb. of chlorine, and 22.7 lbs. of carbonate of lime, or an equivalent amount of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operations transform the hardness in the Table into degrees of hardness on Clark's scale.





Dr. Hill, F.I.C., Medical Officer of Health for Birmingham, reports that the water supplied to that City was on February 16th "clear and pale green in a two-foot tube."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that City from Loch Katrine was, on the 15th of February, "light brown in colour, and contained a little suspended matter."

I am, &c.,

E. FRANKLAND,

The Registrar-General, &c., &c.

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CITIES AND BOROUGHES.	POPULATION estimated to the middle of the Year 1899.*			Registered during the Week ending 11th March 1899.		Deaths of Persons aged 1 Year or over.		Deaths from							Inquests Cases.		Deaths in Public Institutions.		Causes of Death.		per 1000, corresponding to the Week's Deaths.		Mean.				RAINFALL.		CITIES AND BOROUGHES
	1.	2.	3.	4.	5.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Typhoid.	Violence.	Inquests Cases.	Deaths in Public Institutions.	Unspecified Causes of Death.	From All Causes.	From Diseases in Cols. 6-12.	Highest.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Centigrade.	In Inches.	In Centi- metres.					
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.				
33 TOWNS.	11,404,408	6540	4853	1026	1380	-	114	32	90	111	22	40	168	377	1013	65	222	19	622	200	400	444	023	058	33 TOWNS.				
LONDON	-	-	-	368	611	-	38	9	36	55	9	13	80	190	567	13	224	18	542	239	402	456	007	018	LONDON.				
WEST HAM	-	-	-	27	25	-	15	1	3	3	-	-	3	5	8	2	198	38	-	-	-	-	-	-	WEST HAM.				
CROYDON	-	-	-	6	14	-	-	-	-	-	-	-	-	-	11	-	163	-	545	200	385	361	025	063	CROYDON.				
BRIGHTON	-	-	-	6	24	-	-	-	1	-	1	-	3	4	8	-	207	08	536	300	418	544	014	036	BRIGHTON.				
PORTSMOUTH	-	-	-	8	22	-	-	1	3	-	1	1	1	6	10	-	180	14	548	250	409	494	030	076	PORTSMOUTH.				
PLYMOUTH	-	-	-	7	43	-	-	-	4	1	1	-	1	2	3	-	212	28	-	-	-	-	-	-	PLYMOUTH.				
BRISTOL	-	-	-	25	43	-	3	-	1	4	1	2	3	8	24	-	205	18	530	250	395	417	048	122	BRISTOL.				
CARDIFF	-	-	-	21	9	-	-	-	4	2	-	-	2	3	5	2	135	17	-	-	-	-	-	-	CARDIFF.				
SWANSEA	-	-	-	6	10	-	-	-	3	1	-	-	-	-	5	1	166	20	-	-	-	-	-	-	SWANSEA.				
WOLVERHAMPTON	-	-	-	6	11	-	-	-	-	-	1	-	-	2	6	-	176	06	504	240	382	344	011	028	WOLVERHAMPTON.				
BIRMINGHAM	-	-	-	47	44	-	3	-	1	2	-	5	4	7	32	3	174	11	-	-	-	-	-	-	BIRMINGHAM.				
NORWICH	-	-	-	9	20	-	-	-	5	-	1	-	1	5	3	9	221	05	622	236	403	461	011	028	NORWICH.				
LEICESTER	-	-	-	23	32	-	-	-	5	-	1	-	3	7	9	5	210	15	-	-	-	-	-	-	LEICESTER.				
NOTTINGHAM	-	-	-	20	19	-	2	1	1	2	-	3	2	4	11	1	176	20	518	280	387	372	014	036	NOTTINGHAM.				
DERBY	-	-	-	3	10	-	2	2	-	-	1	-	4	4	6	-	101	25	-	-	-	-	-	-	DERBY.				
BIRKENHEAD	-	-	-	13	9	-	-	1	1	6	1	-	-	1	5	-	222	41	-	-	-	-	-	-	BIRKENHEAD.				
LIVERPOOL	-	-	-	90	76	-	-	1	4	3	1	5	14	23	82	10	280	12	573	302	421	561	036	091	LIVERPOOL.				
BOLTON	-	-	-	11	17	-	6	2	-	-	1	-	1	3	11	-	232	29	-	-	-	-	-	-	BOLTON.				
MANCHESTER	-	-	-	63	69	-	29	-	2	1	-	2	7	23	53	1	278	33	-	-	-	-	-	-	MANCHESTER.				
SALFORD	-	-	-	22	23	-	1	5	3	3	1	1	5	5	12	-	260	36	-	-	-	-	-	-	SALFORD.				
OLDHAM	-	-	-	10	18	-	3	-	1	3	-	1	1	3	1	4	194	28	-	-	-	-	-	-	OLDHAM.				
BURNLEY	-	-	-	42	5	-	-	-	-	-	-	-	1	1	4	1	194	-	-	-	-	-	-	-	BURNLEY.				
BLACKBURN	-	-	-	18	16	-	1	-	1	-	-	1	3	3	10	4	212	12	-	-	-	-	-	-	BLACKBURN.				
PRESTON	-	-	-	18	21	-	-	-	1	3	-	1	3	2	9	2	297	27	-	-	-	-	-	-	PRESTON.				
HUDDESFIELD	-	-	-	3	10	-	-	-	-	-	-	-	2	2	4	2	186	10	565	250	397	428	038	097	HUDDESFIELD.				
HALIFAX	-	-	-	9	23	-	-	-	1	2	-	-	-	1	4	4	304	16	-	-	-	-	-	-	HALIFAX.				
BRADFORD	-	-	-	23	28	-	-	-	2	3	1	2	4	9	12	2	219	24	500	266	395	417	030	076	BRADFORD.				
LEEDS	-	-	-	37	37	-	5	-	5	2	-	-	8	13	21	2	205	15	-	-	-	-	-	-	LEEDS.				
SHEFFIELD	-	-	-	45	56	-	-	-	3	7	3	-	2	8	22	7	271	20	-	-	-	-	-	-	SHEFFIELD.				
HULL	-	-	-	19	27	-	-	-	1	7	-	-	5	10	11	3	191	22	600	250	403	461	013	033	HULL.				
SUNDERLAND	-	-	-	51	58	-	1	-	-	-	-	-	2	3	8	2	183	07	-	-	-	-	-	-	SUNDERLAND.				
GATESHEAD	-	-	-	8	16	-	1	-	-	-	-	-	2	3	2	137	05	-	-	-	-	-	-	-	GATESHEAD.				
NEWCASTLE	-	-	-	24	25	-	3	-	2	1	-	1	3	9	17	-	239	16	-	-	-	-	-	-	NEWCASTLE.				

TABLE 2. LONDON.—Births and Deaths Registered in the TENTH Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2698	2536	2505	2510	2769	2636	2681	2534	2654	2736	2762·8	2627
Males - -	1361	1325	1300	1283	1392	1358	1354	1241	1341	1362	1401·1	1312
Females - -	1337	1211	1205	1227	1377	1278	1327	1293	1313	1374	1361·7	1315
<b>TOTAL Deaths -</b>	1637	1889	1783	1808	1576	1700	3471	1846	1571	1854	2013·2	1954
Males - -	828	978	947	921	805	876	1600	948	803	946	1016·0	943
Females - -	809	911	836	887	771	824	1871	898	763	908	997·2	1011

\* The numbers in this column are the average weekly numbers in the tenth week of the ten years 1889-98, raised by 5·213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, AND CASES OF INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Dec. 17.	Dec. 24.	Dec. 31.	Jan. 7.	Jan. 14.	Jan. 21.	Jan. 28.	Feb. 4.	Feb. 11.	Feb. 18.	Feb. 25.	Mar. 4.	Mar. 11.
<b>TOTAL Births</b> - -	2519	2422	2215	2893	2435	2811	2686	2696	2802	2862	2752	2676	2627
<b>TOTAL Deaths</b> - -	1423	1470	1593	1666	1568	1503	1381	1690	1991	1686	1875	1925	1954
<b>Ages at Death</b>													
Under 1 year - -	283	292	339	325	320	289	284	330	430	328	351	395	368
1-5 years - -	176	189	188	175	177	169	168	191	210	201	245	229	266
5-20 " - -	88	100	95	78	87	78	87	78	109	101	104	91	105
20-40 " - -	174	213	188	224	223	220	167	224	252	204	248	240	229
40-60 " - -	317	292	334	390	331	327	298	358	399	321	364	337	375
60-80 " - -	303	316	350	396	346	341	305	417	472	426	433	474	487
80 years and upwards	79	63	79	73	84	79	72	92	119	105	130	100	124
<b>Deaths from—</b>													
Small pox - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles - -	31	24	31	27	27	30	21	22	21	27	32	36	38
Scarlet Fever - -	6	14	12	11	8	8	12	8	7	4	7	7	9
Diphtheria - -	40	46	47	30	34	30	31	32	49	40	29	48	36
Whooping-cough - -	26	21	32	41	37	40	36	60	45	38	55	61	55
Typhus - -	-	-	-	-	-	-	-	1	-	-	1	-	-
Enteric Fever - -	19	21	15	17	10	16	15	10	20	16	13	9	9
Simple Continued Fever - -	-	-	1	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery - -	13	19	14	13	11	10	8	10	15	11	10	12	13
Cholera - -	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>All the above Diseases</b> -	135	145	152	139	127	134	123	133	157	138	147	176	161
<b>Dis. of Respiratory System—</b>													
Phthisis - -	283	284	306	365	363	295	266	348	481	413	484	470	529
Dis. of Circulatory System - -	143	156	165	163	179	154	144	188	192	154	175	206	201
Violence - -	123	136	157	186	152	153	121	165	194	156	172	183	174
Inquest Cases - -	72	73	93	82	77	74	80	74	69	79	68	76	80
Deaths in Public Institutions -	146	153	209	209	171	142	161	152	178	166	151	182	190
<b>TEMPERATURE OF THE AIR.</b>													
Mean - -	48·0	40·1	43·3	42·0	45·0	47·4	38·2	38·5	47·4	45·6	40·7	38·0	40·2
Mean of Highest readings - -	51·9	45·3	48·1	46·9	50·7	51·9	43·2	40·1	51·7	51·7	48·2	47·7	49·4
Mean of Lowest readings - -	43·0	34·6	36·8	36·2	39·8	41·9	33·7	30·6	42·7	39·9	34·0	28·3	31·1
<b>Humidity of the Air</b> - -	83	80	84	87	83	84	80	83	83	82	81	79	73
<b>Rain-fall (in inches)</b> - -	0·00	0·02	0·81	0·24	1·03	1·00	0·08	0·18	1·19	0·72	0·02	0·04	0·07
<b>Registered Sunshine (in hours)</b>	0·8	12·9	14·0	5·6	20·3	8·3	35·8	7·4	10·5	22·0	28·9	34·1	43·7
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - -	-	-	-	1	1	1	-	-	-	-	2	2	2
Scarlet Fever - -	-	-	-	2912	2777	2749	2679	2665	2612	2587	2575	2584	2540
Diphtheria - -	-	-	-	1310	1261	1248	1253	1304	1368	1377	1403	1394	1313
Enteric Fever - -	-	-	-	285	266	255	254	250	249	229	223	231	193

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.; B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R.Met.Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst.C.E., and F. Robbier Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.



TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TENTH Week of the Year 1899.

USES OF DEATH		Corrected Averages for the 10th Week of the 1889-93.	In the Week ending Saturday, 11th March 1899.										CAUSES OF DEATH		Corrected Averages for the 10th Week of the 1889-93.	In the Week ending Saturday, 11th March 1899.											
			Deaths of Persons of the Ages													Deaths of Persons of the Ages											
			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	ALL AGES.	Under 20.				20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.								
				0-1.	1-5.	5-20.						0-1.								1-5.	5-20.						
CAUSES	2013·2	1954	368	266	105	229	375	487	124			Diseases of Circulatory System	162·8	174	1	2	12	24	40	83	12						
1- { Vaccinated† - - - - -	0·5	-	-	-	-	-	-	-	-			Croup - - - - -	4·9	-	-	-	-	-	-	-	-	-	-				
Unvaccinated - - - - -	0·2	-	-	-	-	-	-	-	-			Bronchitis - - - - -	334·5	304	62	27	4	9	60	114	28	-					
No Statement - - - - -	0·4	-	-	-	-	-	-	-	-			Pneumonia - - - - -	168·4	184	39	61	11	17	26	22	8	-					
es - - - - -	64·5	38	8	28	2	-	-	-	-			Pleurisy - - - - -	6·8	7	-	1	1	1	2	2	-	-					
st Fever - - - - -	12·2	9	-	5	3	1	-	-	-			Other Diseases of Res- piratory System - - -	43·5	34	5	3	2	2	11	11	-	-					
is - - - - -	0·1	-	-	-	-	-	-	-	-																		
ing Fever - - - - -	69·2	100	5	5	2	14	18	44	12			Dentition - - - - -	11·6	6	2	4	-	-	-	-	-	-					
nza - - - - -	61·5	55	20	34	1	-	-	-	-			Quinsy, Sore Throat - -	2·4	1	-	1	-	-	-	-	-	-					
heria - - - - -	36·6	36	3	26	7	-	-	-	-			Enteritis - - - - -	12·6	14	8	-	1	3	1	1	-	-					
ic Continued and } efined Fever - - - - -	0·6	-	-	-	-	-	-	-	-			Peritonitis - - - - -	5·4	8	-	2	1	4	10	6	1	-					
ic Fever - - - - -	7·7	9	-	2	3	3	1	-	-			Diseases of Liver - - -	25·8	24	-	2	1	4	10	6	1	-					
ra and Chol. Diarr. -	14·4	13	5	4	-	-	-	3	1			Other Diseases of } Digestive System - - -	30·2	29	6	2	2	3	10	6	-	-					
ent Fever - - - - -	0·2	-	-	-	-	-	-	-	-																		
ophobia - - - - -	0·2	-	-	-	-	-	-	-	-			Diseases of Lymphatic } System & of Ductless } Glands - - - - -	2·2	2	1	-	-	1	-	-	-	-					
ers - - - - -	0·2	-	-	-	-	-	-	-	-																		
ox and Effects of } ination - - - - -	10·5	8	6	-	-	-	-	13	2			Diseases of Urinary } System - - - - -	55·0	49	-	1	1	6	11	26	4	-					
ical Affections - - -	4·3	2	-	-	1	-	-	-	-																		
elas - - - - -	1·9	1	-	-	-	-	-	-	-			Diseases of Generative } System - - - - -	5·2	5	1	-	-	-	3	1	-	-					
in and Septicæmia - -	5·1	3	-	-	-	3	-	-	-			Accidents of Childbirth -	4·5	3	-	-	-	3	-	-	-	-					
eral Fever - - - - -	1·9	-	-	-	-	-	-	-	-																		
Zymotic Diseases - - -	11	1	1	-	-	-	-	-	-			Diseases of Locomotive } System - - - - -	6·6	5	-	1	2	-	1	1	-	-					
h - - - - -	0·1	-	-	-	-	-	-	-	-																		
s and other Para- } al Diseases - - - - -	20	1	1	-	-	-	-	-	-			Diseases of Integumen- } tary System - - - - -	6·0	8	5	-	-	-	1	2	-	-					
ation, Want of } ast-milk - - - - -	9·4	12	-	-	-	5	5	2	-																		
olism - - - - -	6·6	7	-	1	1	3	2	-	-			VIOLENT DEATHS.† (ACCIDENT.)															
matic Fever, } umatism of Heart } matism - - - - -	2·9	3	-	-	-	1	1	1	-			By Railways - - - - -		1	-	-	-	1	-	-	-	-					
ts - - - - -	2·9	1	-	-	-	-	-	1	-			By Vehicles or Horses -		7	-	1	-	1	3	2	-	-					
ta - - - - -	6·3	4	-	4	-	-	-	-	-			In Ships, Boats, Docks, (exclusive of Drown- ing) - - - - -		1	-	-	1	-	-	-	-						
or - - - - -	72·7	87	-	-	-	8	35	40	4			In Building Operations -		-	-	-	-	-	-	-	-	-					
Mesenterica - - - -	17·1	20	13	4	3	-	-	-	-			In Conflagrations - - -		-	-	-	-	-	-	-	-	-					
cular Meningitis - -	25·5	23	6	10	5	1	1	-	-			By Burns, Scalds, Ex- plosions - - - - -	58·4	7	1	3	1	-	1	1	-	-					
sis - - - - -	186·6	201	3	7	17	91	73	10	-			By Drowning - - - - -		6	-	-	2	2	1	1	-	-					
ula, Tuberculosis } Constitutional } eases - - - - -	22·1	28	5	9	6	2	6	-	-			By Suffocation in Bed -		18	17	-	-	-	1	-	-	-					
	15·0	19	1	2	-	4	3	7	2			By Poisons or Poisonous Vapours - - - - -		5	-	1	-	1	-	2	1	-					
	49·8	41	41	-	-	-	-	-	-			Other or not stated causes - - - - -		21	1	-	3	1	3	10	3	-					
ature Birth - - - - -	41	8	8	-	-	-	-	-	-			(VIOLENCE OTHER THAN ACCIDENTAL.)															
ctasis - - - - -	41	8	8	-	-	-	-	-	-			Homicide - - - - -	1·5	-	-	-	-	-	-	-	-	-					
enital Malforma- } s - - - - -	9·2	5	5	-	-	-	-	-	-			Suicide - - - - -	8·6	14	-	-	3	1	-	7	3	-					
ge - - - - -	59·8	68	-	-	-	-	-	29	39			Execution - - - - -	-	-	-	-	-	-	-	-	-	-					
lexy - - - - -	51·1	57	-	-	1	3	19	27	7																		
psy - - - - -	9·3	4	-	1	-	2	1	-	-			OTHER CAUSES	61·1	53	46	1	1	-	4	1	-	-					
ulsions - - - - -	45·5	29	27	2	-	-	-	-	-																		
Diseases of Brain } Nervous System } ses of Organs of } cial Sense - - - - -	100·4	63	12	10	1	6	13	21	-																		

the numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5·213 per cent. for increase of population. Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the death is not certified by a registered practitioner, the case is returned under the heading "no statement," when the evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of homicide, murder, manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 11th March, 1899.

The DEATHS registered during the Week include																			
REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths from														Deaths in Public Institutions.	Deaths from Causes other than Public Institutions.
				Deaths of	Deaths from														
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.		
LONDON	4,411,710	2627	1954	368	611	-	38	9	36	55	-	9	-	13	80	190	567		
WEST DISTRICTS.																			
St. Mary Paddington } G. & W.	90,996	38	39	5	20	-	-	-	-	4	-	-	-	-	1	1	7		
St. John Paddington } H - - G.	33,510	5	13	1	9	-	-	-	1	-	-	-	-	-	3	4	6		
Kensington Town } Ww - - W.	122,164	56	66	11	27	-	-	-	-	2	-	1	-	-	2	8	20		
Brompton } HH - - W & C.	48,301	11	16	3	6	-	-	-	-	1	-	-	-	-	1	1	2		
St. Peter Hammersmith - - W.	9,097	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith } HH W. & G.	95,102	48	34	15	13	-	-	-	-	-	-	-	-	-	1	2	3		
Fulham } Ww - - W. & C.	113,781	103	73	19	20	-	-	-	-	2	-	1	-	1	2	9	19		
Chelsea Kensal Town - - C.	21,450	16	9	2	3	-	-	-	1	-	-	-	-	-	-	-	-		
Chelsea North } WHHHHH - - C.	42,057	29	22	3	5	-	-	-	-	-	-	-	-	-	-	-	13		
Chelsea South } HE - - C.	33,139	7	19	1	8	-	-	-	-	1	-	-	-	-	3	4	1		
May Fair } W - - G.	23,827	2	14	-	9	-	-	-	-	-	-	-	-	-	-	-	10		
Belgrave } WHHH - - C.	56,140	21	24	3	9	-	-	-	-	-	-	-	-	-	2	3	8		
St. John Westminster } HH - - C.	31,492	14	9	1	1	-	-	-	-	-	-	-	-	-	-	1	-		
St. Margaret Westminster } H - C.	22,097	6	4	1	-	-	-	-	-	-	-	-	-	-	-	1	2		
St. James Westminster } N. & G.	23,050	8	9	2	5	-	-	-	-	-	-	-	-	-	1	1	4		
St. Anne Soho } HHHHHH - N.	12,048	3	3	-	1	-	-	-	-	-	-	-	-	-	-	-	1		
NORTH DISTRICTS.																			
All Souls Marylebone } - - W.	36,595	9	16	3	2	-	1	-	-	2	-	-	-	-	2	2	6		
Rectory Marylebone } W - G. & W.	19,798	7	6	-	3	-	-	-	-	-	-	-	-	-	-	-	3		
St. Mary Marylebone } HHHH - - G. & W.	19,637	37	7	1	3	-	-	-	-	-	-	-	-	-	-	1	1		
Christchurch Marylebone } H - W	32,547	10	9	2	5	-	-	-	-	-	-	-	-	-	-	2	-		
St. John Marylebone } HHH W.	32,611	24	8	1	2	-	-	-	-	-	-	-	-	-	-	1	-		
Hampstead } WwHHHH - N. & W.	75,449	23	25	2	13	-	1	1	3	-	-	-	-	-	-	-	6		
Regent's Park Pancras } HH - W.	37,341	21	8	-	3	-	-	-	-	-	-	-	-	-	-	-	2		
Tottenham-court } WHHHH - N. & W.	26,757	11	12	2	2	-	1	-	-	-	-	1	-	-	-	1	6		
Gray's Inn Lane } HH - - N.	29,426	17	17	3	3	-	-	-	-	1	-	-	-	-	2	2	6		
Somers Town } HH - - N.	32,161	20	14	3	3	-	-	-	-	3	-	-	-	-	2	3	-		
Camden Town } WH - - N.	16,669	12	11	3	2	-	-	-	-	1	-	-	-	-	1	2	6		
Kentish Town } WW - - N.	98,410	61	35	3	10	-	1	-	-	-	-	-	-	1	-	2	11		
Upper Holloway } WWWWHH - - N.	98,273	46	74	12	27	-	4	-	-	1	-	-	-	2	-	1	38		
Islington South-west } H - N.	107,365	66	54	15	14	-	3	-	-	5	-	-	-	-	-	4	-		
Islington South-east } - - N.	66,549	31	12	3	4	-	2	-	-	-	-	-	-	-	-	-	-		
Highbury } HH - - N.	64,577	34	23	7	4	-	1	-	1	-	-	-	-	-	-	-	1		
Stoke Newington } H - - N.	33,485	18	14	1	7	-	-	-	-	-	-	-	-	-	1	1	-		
North Hackney } - - E. & N.	-	24	18	4	9	-	-	-	-	-	-	-	-	-	3	4	-		
Central Hackney } ww - - E. & N.	-	26	33	2	10	-	3	-	7	-	-	2	-	2	1	4	13		
South-west Hackney } HHH E. & N.	213,044	36	17	1	6	-	-	-	-	-	-	-	-	-	2	2	4		
South-east Hackney } WwH E. & N.	-	40	23	5	6	-	-	-	-	-	-	-	-	1	-	-	10		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein; namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received; w—Workhouse Establishment receiving inmates from other Districts than that in which it stands. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. New River; E. East London; and K. the Kent Company.

See note \* on second page of this Return.

5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each B-DISTRICT during the Week ending Saturday 11th March, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- me- rated Popu- lation 1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include														Deaths in Public Institutions	Uncertified Causes of Death.
				Deaths of		Deaths from													
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence	Inquest Cases.			
CENTRAL DISTRICTS.																			
Large Bloomsbury - - N.	16,110	6	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles South WH - - N.	12,976	18	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles North H - - N.	9,151	11	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Martin-in-the-Fields HHN. & C.	13,077	5	5	1	1	-	-	-	-	-	-	-	-	-	1	-	1	5	
St. Giles WH - - N.	11,839	3	7	1	4	-	-	-	-	-	-	-	-	-	-	-	3	3	
St. Giles Union Workhouse, Edmonton	†1,037	-	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles WHHHHHH - - N.	31,042	11	20	5	2	-	-	-	1	-	-	-	-	-	1	-	4	10	
St. Giles Clerkenwell - - N.	15,777	6	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles Clerkenwell - - N.	34,356	25	8	12	3	-	1	-	-	-	1	-	-	-	-	-	1	-	
St. Giles Street - - N.	16,069	12	4	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles Road HHHH - - N.	29,597	40	15	5	4	-	-	-	-	-	-	-	-	-	-	1	1	5	
St. Giles Cross-street - - N.	7,595	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles Mary - - N.	4,035	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
St. Giles Union Workhouse, } St. Giles Ham	†892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles St. Paul H - - N. & E.	6,870	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles Legate - - N.	3,299	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles St. Dunstons WH - - N.	9,591	2	15	1	3	-	-	-	-	-	-	-	-	-	-	3	4	14	
St. Giles St. Dunstons Barking - - N.	9,059	3	5	-	-	2	-	-	-	-	-	-	-	-	-	1	3	-	
St. Giles St. Dunstons Street H - - N.	2,892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles London Asylum, Stone - -	†388	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EAST DISTRICTS.																			
St. Giles St. Dunstons South H - E. & N.	17,975	10	9	3	3	-	1	-	-	-	-	-	-	-	-	-	1	2	
St. Giles St. Dunstons New Town w - - N.	29,575	11	19	2	6	-	-	-	-	1	-	-	-	-	-	1	5	6	
St. Giles St. Dunstons Old Town - - N.	27,645	23	7	3	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
St. Giles St. Dunstons St. Dunstons WH - - N. & E.	47,163	40	35	10	13	-	-	-	1	-	-	-	-	-	-	1	4	14	
St. Giles St. Dunstons Green North H - E.	49,301	33	25	12	3	-	2	-	-	1	-	-	-	-	-	1	2	1	
St. Giles St. Dunstons Green South - - E.	34,194	24	9	4	2	-	-	-	-	-	-	-	-	-	-	-	3	-	
St. Giles St. Dunstons Green East WH - E.	45,667	34	28	3	11	-	-	-	-	-	-	-	-	-	-	-	-	18	
St. Giles St. Dunstons Fields - - E. & N.	26,681	20	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles St. Dunstons End New Town* WH - E.	51,995	28	39	5	3	-	1	-	2	-	-	-	-	-	-	6	12	24	
St. Giles St. Dunstons Man's Fields* - E.	51,995	12	5	2	1	-	1	-	-	1	-	-	-	-	-	-	1	-	
St. Giles St. Dunstons George's North - - E.	39,576	25	16	7	3	-	3	-	-	-	-	-	-	-	-	1	2	-	
St. Giles St. Dunstons St. George East W E.	7,930	2	4	1	1	-	-	-	-	-	-	-	-	-	-	-	1	3	
St. Giles St. Dunstons St. Paul H - - E. & N.	10,434	2	9	3	-	-	-	-	-	-	-	-	-	-	-	1	3	-	
St. Giles St. Dunstons St. Paul H - - E.	14,954	14	5	3	-	-	-	-	-	-	-	-	-	-	-	1	1	-	
St. Giles St. Dunstons St. Paul House - - E.	32,917	23	11	1	3	-	3	-	-	-	-	-	-	-	-	-	-	-	
St. Giles St. Dunstons End Old Town West H E.	111,060	42	15	5	3	-	-	-	-	1	-	-	-	-	-	-	4	-	
St. Giles St. Dunstons End Old Town East } St. Giles St. Dunstons	111,060	39	25	2	9	-	2	-	-	-	-	-	-	-	-	-	3	10	
St. Giles St. Dunstons St. Paul H - - E.	41,687	31	19	9	4	-	-	-	1	-	-	-	-	-	-	1	2	2	
St. Giles St. Dunstons St. Paul H - - E.	69,821	43	53	8	18	-	-	-	-	-	-	-	-	-	-	7	13	23	
St. Giles St. Dunstons St. Paul H - - E.	57,759	46	26	9	4	-	-	-	1	1	-	-	-	-	-	1	3	1	

† Population in 1891, not included in the total population of the Central Districts or of London.

St. Dunstons Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.





6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 11th March, 1899.

REGISTRATION SUB-DISTRICTS:	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include														
					Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.					
LONDON—OUTER RING	368,749	1,422,063	1082	640	118	211		22	3	14	21	4		19	35	74	8		
Carshalton WHH	12,238	26,108	12	10	1	3													
Epsom, part of* WvWHH	10,423	12,508	4	3		2													
Godstone, part of* W	2,754	1,598																	
Croydon WvHHH	20,851	128,699	81	49	6	18								1	6	13			
Mitcham w	11,697	23,072	8	6	2	2											1		
Wimbledon HHH	3,220	25,777	14	12	4	2				1	2	1		1	3				
Kingston WH		33,566	11	10	1	5								1	1	3			
Surbiton H-		12,178	5	3		1				1						2			
Esher, part of* HH		11,080	10	2	2										1				
Hampton HL	4,565	18,252	9	5		3											1		
Richmond WH	2,160	25,389	12	12	1	7										3	1		
Mortlake H	2,823	16,159	12	6		2					1			2	2				
Bromley HHH	9,127	23,815	10	10		3			2	1						2			
Beckenham H-	6,542	21,969	12	5	1	2				1									
Chislehurst, part of* WHH	14,307	20,372	17	5		3										3			
Bexley HHH	12,540	30,590	6	10	2	3													
Dartford WH, part of*				1		1										1			
Sunbury w	11,054	13,671	9	4	1	1													
Staines WH	13,277	13,221	9	10		5										8			
Hillingdon WHH	6,035	12,237	8	11	1	5								1	1	3			
Uxbridge	12,757	7,253	8	2	1														
Hayes wH-	7,952	11,051	7																
Isleworth WHH	6,967	26,004	18	13	3									1	1	3			
Twickenham HH	2,415	16,027	13	6		2					1					1			
Brentford HHHH	4,318	37,777	13	17	2	8					1					1			
Chiswick	1,245	21,963	21	12	1	4													
Acton WHH	6,132	30,945	38	13	3	5										1			
Harrow HHH	13,809	15,715	14	4	1	3													
Edgware HH	6,994	3,844	2	1		1													
Willesden HHH	4,383	61,265	65	34	10	10				3	1					1	1		
Hendon WH	8,382	15,843	13	7	2	4					1				2	3			
South Mimms HH		6,367	10	2		2													
Barnet WHH	21,077	14,152	10	5	1	2													
Finchley HHH-	4,688	25,820	22	6	1	4													
Hornsey HH	3,039	61,097	34	25	3	11					1				1	2			
Tottenham HH-	4,642	97,174	99	48	9	11					2				2	2			
Edmonton WvW	7,489	36,351	31	23	2	9		1			1			1	2	4			
Enfield WvWHH	12,602	31,536	26	13	1	4		3								1			
Waltham Abbey	11,017	6,066		1		1													
Cheshunt H	8,480	9,620	8	3		2								1			2		
Hatfield, part of* W-	3,306	582																	
Bushey H-	9,331	7,737	4	2		2													
Watford WH, part of*																			
Stratford H		38,612	26	20	4	4										1	1		
Plaistow WvHHH		53,030	58	31	8	6		7									1		
Canning Town H	4,706	54,750	43	34	8	4		8	1		2			1	3	1	1		
Forest Gate w		53,511	33	23	7	8				3	1			2	2				
East Ham WvHH	3,266	32,713	50	23	6	3		1		3	1	1				1			
Leyton WvWvWH	4,334	70,188	60	39	7	17					1					1	9		
Walthamstow HHL	6,501	57,330	73	28	9	6		2			1	1		2	2	1			
Chigwell, part of* HHHH	11,779	12,941	5	7	1	3					3								
Epping WH, part of*																			
Romford, part of* WH	6,556	4,324	1	2											1	1			
Ilford	8,493	10,913	11	7	4	2					3								
Barking Town, H	3,814	14,301	17	10	1	3								3	3				
Middlesex Co. Lunatic Asy., Wandsworth.				3		2										3			
London Co. Lunatic Asy., Colney Hatch.				1												1			
Homerton Fever Hospital, Hackney.				1	1					1						1			

parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30; 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37; 1, the parishes of Warrington and Godstone sub-district; 39; 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41; 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 133; 1, the parish of Northaw in sub-district; 187; 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping 179; 189; 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for these Diseases belonging to the Outer Ring in 1898 and 1899.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 11th March, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.		
GREATER LONDON	443,421	6,528,434	20·7	1·8	2594	486	822	-	60	12	50	76	13	13	99		
INNER LONDON -	74,672	4,546,752	22·4	1·8	1954	363	611	-	38	9	36	55	9	13	80		
OUTER RING -	368,749	1,981,682	16·8	1·7	640	118	211	-	22	3	14	21	4	-	19		

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	
EDINBURGH -	298,927	March 11	167	130	22·7	-	2	1	1	8	-	
GLASGOW -	733,903	" 11	447	331	23·5	-	2	2	1	11	3	
DUBLIN -	349,594	" 11	187	191	23·5	-	-	-	1	5	6	
CALCUTTA -	466,460	January 28	-	-	-	-	-	-	-	-	-	
BOMBAY -	821,764	February 21	155	1860	117·8	4	70	?	?	?	950†	
MADRAS -	452,518	January 27	280	429	49·3	-	7	?	?	?	57	
PARIS -	2,511,629	March 4	1226	1051	21·7	-	13	4	12*	18	4	
BRUSSELS -	551,011	" 4	289	272	25·7	-	23	-	3*	-	2	
AMSTERDAM -	512,768	February 25	339	151	15·3	-	-	1	1	1	-	
ROTTERDAM -	306,439	" 25	254	123	20·5	-	2	1	1	2	2	
THE HAGUE -	196,325	" 25	113	65	17·0	-	4	1	-	5	-	
COPENHAGEN -	345,000	March 4	227	167	28·3	-	8	6	3	4	3	
STOCKHOLM -	283,550	February 25	129	114	20·9	-	3	1	8*	-	-	
CHRISTIANIA -	2·3,337	March 4	122	65	16·6	-	-	1	-	-	-	
ST. PETERSBURG	1,132,677	February 25	685	590	27·2	3	8	10	27	9	31	
MOSCOW -	988,610	" 25	-	464	24·5	-	7	6	5	1	5	
BERLIN -	1,805,054	" 18	-	-	-	-	-	-	-	-	-	
HAMBURG -	675,351	March 4	-	232	17·9	-	-	-	5*	4	-	
DRESDEN -	388,306	January 14	-	-	-	-	-	-	-	-	-	
BRESLAU -	406,012	March 4	-	227	29·2	-	-	-	3	-	1	
MUNICH -	445,000	" 4	-	219	25·6	-	-	1	5*	5	1	
VIENNA -	1,606,629	" 4	983	795	25·7	-	11	4	11*	3	5	
PRAGUE -	380,497	February 25	207	211	28·8	-	4	1	3	2	2	
BUDA-PESTH -	666,722	" 25	492	386	30·1	-	3	4	3	1	7	
TRIESTE -	165,913	" 25	104	104	33·1	-	-	5	3*	-	1	
ROME -	500,610	" 18	225	177	18·4	-	-	-	-	3	2*	
TURIN (10 days)	344,203	January 20	207	198	21·0	-	-	-	-	3	3	
VENICE -	169,883	February 25	-	-	-	-	-	-	-	-	-	
CAIRO -	570,062	-	-	-	-	-	-	-	-	-	-	
ALEXANDRIA -	319,766	-	-	-	-	-	-	-	-	-	-	
NEW YORK (including BROOKLYN)	3,550,053	February 18	1392	1387	20·4	-	9	17	41	5	1	
PHILADELPHIA -	1,266,832	" 18	-	537	22·1	-	-	1	16	-	38	

\* Including deaths from croup.

† Including 792 deaths from plague.

\* Including 4 deaths from cholera in Bombay and 2 in Madras.

\* Including 1 death from malarial fever



1899.

1899.		Phases of the Moon.		TEMPERATURE.				TEMPERATURE.				TEMPERATURE.				Wind as deduced from Anemometers.				Rain collected in a Gauge whose receiving surfaces are above the ground.		Ozone			
				Of the Air.		Of the Dew point.		Difference between the Air Temperature and Dew point Temperature.		Of Radiation.		Of the Earth 3 feet below Surface.		Oster's.		Pressure on the Square Foot.		Robinson's.							
														General Direction.		Least.		Horizontal Movement of the Air on each Day.						Depar- ture from Average of 16 Years.	
MARCH.		in.		°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	
SUNDAY	5	30.066	44.5	29.2	153	356	°	53	26.2	8.4	18.5	31	68	101.8	20.6	42.03	N. N.N.E. & E. S.E. & S.S.E.	1.7	0.0	0.1	203	-133	0.0	0.2	
MONDAY	6	29.808	45.6	25.9	197	360	°	51	23.3	12.7	18.0	43	59	100.7	16.1	41.95	S.S.E. & S.S.E.	1.9	0.0	0.1	188	-148	0.0	0.8	
TUESDAY	7	29.534	49.0	23.9	251	381	°	29	27.2	10.9	19.3	28	64	83.3	16.9	41.74	Variable, & S.S.W. & S.W.	0.6	0.0	0.0	174	-161	0.0	0.0	
WEDNESDAY	8	29.305	51.0	35.2	153	432	°	23	35.7	7.5	14.5	10	75	102.2	27.1	41.55	Variable, & S.W. & S.W.	4.7	0.0	0.4	369	+36	0.0	0.0	
THURSDAY	9	29.053	50.1	35.4	147	421	°	13	35.4	6.7	16.8	18	77	98.9	27.4	41.80	S.S.W. & S.W.	6.8	0.0	0.3	302	-29	0.0	0.0	
FRIDAY	10	29.795	53.2	32.3	219	433	°	26	35.0	8.3	16.8	25	73	88.0	25.1	41.95	S.S.W. & S.W.	1.3	0.0	0.1	258	-71	0.0	0.0	
SATURDAY	11	30.147	51.4	35.7	157	431	°	25	42.4	0.7	5.2	00	97	61.9	28.0	42.10	W.N.W. & S.W.	0.7	0.0	0.0	241	-85	0.0	0.0	
MEANS		29.673	49.4	31.1	183	40.2	°	07	32.2	8.0	15.6	22	73	92.4	23.0	41.85	SW	..	..	..	Sum 1735	Sum -591	Sum 0.07	0.1	
No. of Column		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

The results apply to the civil day, or from midnight to midnight.  
 The height of the cistern of the barometer is 159 feet above the mean level of the sea ;  
 no correction has been applied to the readings to reduce to sea level.  
 Observations are usually taken at 9h. A.M. ; noon ; 3h. P.M. ; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from a discussion of the observations made at Green wich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875. In reading columns 9 and 24 it will be borne in mind that + indicates "higher", and - "lower", than the average.  
 The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.  
 The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.  
 The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.  
 The reading of the barometer increased from 29.88 in. at the beginning of the week to 30.08 in. by 9h. P.M. on the 5th; decreased to 28.85 in. by 4h. A.M. on the 9th; and increased to 30.18 in. by the end of the week.

GENERAL REMARKS.		Registered Sunshine in hours.		Sun above horizon, in hours.	
Cloudy in early morning; very fine afterwards. Hoar frost in morning and at night.		35	11.1	11.1	
A very fine day with small amounts of thin cloud. Hoar frost in morning. Brilliant solar halo in forenoon.		84	11.2		
A very fine day. Hoar frost and slight fog in morning.		89	11.2		
Fine and partially cloudy till evening; overcast afterwards with rain after 10h. P.M.		49	11.3		
Cloudy with occasional showers till noon; very fine afterwards; cloudless at night.		62	11.4		
Very fine generally; cloudless at night.		68	11.4		
Cloudless and very fine with hoar frost in early morning; overcast till afternoon; very fine afterwards.		00	11.5		
Sum	437	Sum	791		29
No. of Col. -	27				

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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

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No. 11. 1899. VOL. LX.] WEEK ENDING SATURDAY, MARCH 18. [Price 1½d.

General Register Office, Somerset House,  
March 20th, 1899.

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 23·3 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Feb. 25.	Mar. 4.	Mar. 11.	Mar. 18.		Feb. 25.	Mar. 4.	Mar. 11.	Mar. 18.
33 Great Towns	20·6	21·5	22·2	23·3	Leicester - -	14·1	14·6	21·0	16·6
Birkenhead -	20·4	25·4	22·2	24·9	Liverpool - -	26·7	29·8	28·0	28·8
Birmingham -	18·8	20·2	17·4	20·9	London - - -	21·5	22·1	22·4	24·1
Blackburn -	32·0	23·9	21·2	26·2	Manchester - -	25·8	29·6	27·8	31·9
Bolton - - -	22·5	19·3	22·2	27·3	Newcastle-on-Tyne	20·1	21·2	23·9	19·8
Bradford - -	21·2	19·9	21·9	20·1	Norwich - - -	12·9	19·8	22·1	20·3
Brighton - -	18·2	16·9	20·7	18·2	Nottingham - -	17·6	19·4	17·6	21·6
Bristol - - -	15·4	16·4	20·5	17·7	Oldham - - -	20·1	21·1	29·7	28·0
Burnley - - -	13·8	14·8	19·4	20·3	Plymouth - - -	22·8	18·1	21·2	21·8
Cardiff - - -	16·3	13·7	13·5	16·8	Portsmouth - -	15·3	16·7	18·0	16·4
Croydon - - -	18·4	13·1	16·3	17·1	Preston - - -	21·3	25·3	29·7	27·9
Derby - - -	20·1	21·6	19·1	12·7	Salford - - -	22·2	19·8	26·0	31·5
Gateshead - -	19·1	22·0	13·7	18·6	Sheffield - - -	19·6	22·5	27·1	24·8
Halifax - - -	15·5	20·3	30·4	25·6	Sunderland - -	23·3	23·3	18·3	20·4
Huddersfield -	20·7	16·1	18·6	24·7	Swansea - - -	20·1	16·1	16·6	18·6
Hull - - - -	17·1	17·8	19·1	16·5	West Ham - - -	15·3	19·8	19·8	18·8
Leeds - - - -	18·2	20·8	20·5	23·6	Wolverhampton -	15·9	19·4	17·6	21·7

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·2 in Leeds, 1·4 in Salford, 1·9 in Manchester, and 2·1 in West Ham; from "*scarlet fever*," 1·0 in Oldham; from *whooping-cough*, 1·0 in Plymouth and in Swansea, 1·1 in Hull, 1·3 in Bradford, 2·3 in Birkenhead, and 3·1 in Preston; from "*fever*," 1·2 in Wolverhampton; and from *diarrhoea*, 1·2 in Wolverhampton and in Blackburn. The 88 deaths from *diphtheria* included 45 in London, 7 in Sheffield, 5 in Liverpool, 4 in Leicester, and 3 in Swansea. No death from *small-pox* was registered in any of the thirty-three towns.

#### LONDON.

In LONDON† 2613 BIRTHS and 2099 DEATHS were registered. Allowing for increase of population, the births were 197 below, and the deaths 174

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.



above, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 21·5, 22·1, and 22·4 in the preceding three weeks, further rose last week to 24·1. During the four weeks ending on Saturday last the death-rate averaged 22·5 per 1000, being equal to the mean rate in the corresponding periods of the ten years 1889-98.

The 2099 deaths included 35 from measles, 7 from scarlet fever, 45 from diphtheria, 73 from whooping-cough, 7 from enteric fever, 8 from diarrhoea and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 175 deaths were referred to these diseases, being 35 below the corrected average weekly number.

The deaths from *measles*, which had been 32, 36, and 38 in the preceding three weeks, fell again last week to 35, and were 29 below the corrected average; 7 cases belonged to Hackney, 6 to Islington, and 5 to Bethnal Green sanitary areas. The deaths from *scarlet fever*, which had been 7, 7, and 9 in the preceding three weeks, fell again last week to 7, and were 8 below the corrected average. The deaths from *diphtheria*, which had been 29, 48, and 36 in the preceding three weeks, rose again last week to 45, and were 5 above the corrected average; 5 cases belonged to Camberwell, 3 to Kensington, 3 to Islington, 3 to Newington, and 3 to Lambeth sanitary areas. The deaths from *whooping-cough*, which had been 55, 64, and 55 in the preceding three weeks, rose again last week to 73, and were 6 above the corrected average; 8 cases belonged to St. Pancras, 6 to Fulham, 6 to Lambeth, 5 to Islington, 5 to Bermondsey, and 5 to Wandsworth sanitary areas. The fatal cases of *enteric fever*, which had been 13, 9, and 9 in the preceding three weeks, fell last week to 7, and were 2 below the corrected average; 2 cases belonged to Islington, and 2 to Greenwich sanitary areas. The deaths from *diarrhoea*, which had been 10, 12, and 13 in the preceding three weeks, fell again last week to 8, and were 6 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 484, 470, and 529 in the preceding three weeks, further rose last week to 565, and were 61 above the corrected average. The deaths attributed directly to *influenza* numbered 125, having been 113, 97, and 100 in the preceding three weeks.

Different forms of violence caused 75 deaths, concerning all of which inquests were held. Of these 75 deaths, 10 were cases of suicide, and 3 of homicide, while the remaining 62 were attributed to accident or negligence. Six of these were referred to vehicles in the streets, 9 to burns and scalds, 1 to the effects of an anæsthetic administered for surgical purposes, and 14 (of infants under one year of age) to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2437 cases of scarlet fever, 1261 of diphtheria, 183 of enteric fever, and 6 of typhus, under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 224 cases, against 241, 236, and 217; of diphtheria, 133 cases, against 149, 142, and 133; and of enteric fever, 26 cases, against 23, 27, and 14.

#### GREATER LONDON.

In Greater London 3722 births and 2738 deaths were registered, corresponding to annual rates of 29·7 and 21·9 per 1000 of the estimated population. In the Outer Ring 23 deaths from measles, 9 from diphtheria, 16 from whooping-cough, 5 from "fever," and 3 from diarrhoea were registered. Nineteen deaths from measles, and 4 from "fever" occurred in West Ham district; 3 deaths from diphtheria occurred in Acton sub-district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 30·25 inches, and that of the Thermometer 42°; the latter being 1°·2 above the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 51 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 19·7 hours; no rain was measured during the week.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Small-pox, Scarlet Fever, Diphtheria, Enteric Fever, or Typhus respectively; but in a considerable proportion of cases the diagnosis found after admission in the Hospital to have been erroneous.

CITIES AND BOROUGHES.	POPULATION estimated at the middle of the Year 1895.*		18th March 1896.		Deaths from										Deaths of				Cols.	CITIES AND BOROUGHES					
	BIRTHS.	DEATHS.	Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Typhoid.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes of Death.	To the Week's Death.		Mean.			In Inches.	In Centi- metres.			
																From All Causes.	From Diseases in Cols. 6-12.	Highest.					Lowest.	Fahrenheit.	Centigrade.
33 TOWNS	11,404,408	6694	5099	1022	1492	-	103	21	88	136	37	32	162	355	1122	74	233	19	66°0	24°0	43°9	6°61	0°01	0°03	33 TOWNS.
LONDON	4,546,752	2613	2099	376	635	-	35	7	45	73	7	8	75	184	637	14	241	20	59°1	28°7	42°5	1°533	0°00	0°00	LONDON.
WEST HAM	300,241	192	108	26	26	-	12	-	2	2	-	-	3	5	19	2	183	28	-	-	-	-	-	-	WEST HAM.
CROYDON	127,768	58	42	7	14	-	-	-	-	-	-	-	2	4	9	-	171	04	60°0	26°5	41°0	5°00	0°00	0°00	CROYDON.
BRIGHTON	123,226	55	43	5	22	-	-	-	-	1	-	-	2	4	3	-	132	08	61°2	32°6	45°3	7°39	0°00	0°00	BRIGHTON.
PORTSMOUTH	190,741	95	60	11	19	-	2	-	2	2	-	3	1	3	11	2	164	19	61°0	34°0	45°3	7°39	0°00	0°00	PORTSMOUTH.
PLYMOUTH	100,337	49	42	7	14	-	-	-	-	-	-	-	-	1	3	5	-	218	10	-	-	-	-	-	PLYMOUTH.
BRISTOL	320,911	201	109	19	37	-	-	-	1	4	-	2	4	8	19	-	177	11	61°0	30°0	44°8	7°11	0°03	0°03	BRISTOL.
CARDIFF	185,826	102	60	15	9	-	-	-	2	-	-	-	1	1	8	-	168	06	-	-	-	-	-	-	CARDIFF.
SWANSEA	103,722	62	37	7	13	-	-	-	3	2	-	-	-	-	3	2	186	25	-	-	-	-	-	-	SWANSEA.
WOLVERHAMPTON	86,821	62	37	13	11	-	-	-	1	1	2	2	1	4	2	1	217	35	57°0	30°5	43°0	6°11	0°00	0°00	WOLVERHAMPTON.
BIRMINGHAM	514,956	330	206	46	59	-	2	2	2	4	4	1	8	11	33	5	209	15	-	-	-	-	-	-	BIRMINGHAM.
NORWICH	113,263	70	44	12	12	-	-	-	-	1	1	1	1	3	8	1	203	14	59°0	28°6	42°4	5°78	0°02	0°05	NORWICH.
LEICESTER	213,851	114	68	24	17	-	-	-	4	2	1	1	5	12	7	2	168	20	-	-	-	-	-	-	LEICESTER.
NOTTINGHAM	238,384	112	99	21	35	-	-	2	-	-	4	-	6	8	14	-	216	13	60°7	28°4	44°1	6°72	0°00	0°00	NOTTINGHAM.
DERBY	108,401	65	26	6	9	-	1	-	-	-	1	1	2	3	7	-	127	15	-	-	-	-	-	-	DERBY.
BIRKENHEAD	115,182	67	55	14	14	-	-	-	-	5	-	-	-	3	8	-	249	23	-	-	-	-	-	-	BIRKENHEAD.
LIVERPOOL	634,212	445	350	69	84	-	2	2	5	2	2	1	8	14	94	19	238	12	56°4	29°7	41°0	6°67	0°00	0°00	LIVERPOOL.
BOLTON	162,291	112	85	11	29	-	2	1	-	1	-	-	3	6	9	-	273	13	-	-	-	-	-	-	BOLTON.
MANCHESTER	543,002	338	333	56	96	-	20	-	-	4	2	3	8	16	72	3	319	28	-	-	-	-	-	-	MANCHESTER.
SALFORD	218,544	144	132	32	39	-	6	-	-	3	1	1	5	12	22	-	315	31	-	-	-	-	-	-	SALFORD.
OLDHAM	150,772	77	81	16	18	-	-	1	2	1	1	-	2	5	9	-	280	28	-	-	-	-	-	-	OLDHAM.
BURNLEY	113,081	61	44	15	9	-	1	1	1	2	1	-	-	1	3	-	203	28	-	-	-	-	-	-	BURNLEY.
BLACKBURN	135,154	93	63	12	20	-	2	-	2	-	2	3	3	3	6	4	282	35	-	-	-	-	-	-	BLACKBURN.
PRESTON	117,622	74	63	24	21	-	-	-	-	7	2	1	2	4	7	3	279	44	-	-	-	-	-	-	PRESTON.
HUDDERSFIELD	103,461	45	49	9	14	-	-	-	-	1	1	-	-	-	1	1	247	10	64°0	30°0	44°2	6°78	0°00	0°00	HUDDERSFIELD.
HALIFAX	97,721	47	48	10	16	-	-	-	-	1	1	-	-	1	7	1	256	11	-	-	-	-	-	-	HALIFAX.
BRADFORD	236,241	97	81	13	29	-	2	-	-	6	1	-	3	5	8	2	201	22	66°0	33°4	47°6	8°67	0°00	0°00	BRADFORD.
LEEDS	423,880	247	182	36	52	-	10	-	-	2	-	-	6	11	22	1	236	15	-	-	-	-	-	-	LEEDS.
SHEFFIELD	361,169	229	172	43	40	-	-	3	-	2	2	-	4	8	27	7	248	20	-	-	-	-	-	-	SHEFFIELD.
HULL	234,270	152	74	22	12	-	-	-	1	5	-	-	-	3	12	2	165	18	60°0	24°0	42°5	5°33	0°02	0°05	HULL.
SUNDERLAND	145,013	83	57	14	10	-	1	-	1	2	1	1	1	3	6	1	204	21	-	-	-	-	-	-	SUNDERLAND.
GATESHEAD	106,562	78	38	10	6	-	1	-	1	1	-	1	1	1	1	1	186	20	-	-	-	-	-	-	GATESHEAD.
NEWCASTLE	228,625	125	87	21	21	-	1	-	-	1	-	1	4	6	23	1	198	07	-	-	-	-	-	-	NEWCASTLE.

\* See note \* on first page of this return.



TABLE 2. LONDON.—Births and Deaths Registered in the ELEVENTH Week of each of the Eleven Years, 1889–99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889–98.*	1899
<b>TOTAL Births</b>	2699	2717	2751	2576	2656	2558	2821	2806	2551	2576	2810.3	2613
Males - -	1366	1381	1413	1303	1314	1287	1451	1435	1288	1332	1427.7	1326
Females - -	1333	1336	1338	1273	1342	1271	1370	1371	1263	1244	1382.6	1287
<b>TOTAL Deaths</b>	1638	1771	1751	1983	1573	1638	2317	1752	1531	1869	1925.2	2099
Males - -	812	907	887	1037	799	882	1310	898	806	934	973.4	1030
Females - -	826	864	864	946	779	746	1507	854	725	935	951.8	1069

\*The numbers in this column are the average weekly numbers in the eleventh week of the ten years 1889–98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Dec. 24.	Dec. 31.	Jan. 7.	Jan. 14.	Jan. 21.	Jan. 28.	Feb. 4.	Feb. 11.	Feb. 18.	Feb. 25.	Mar. 4.	Mar. 11.	Mar. 18.
<b>TOTAL Births</b>	2422	2215	2893	2435	2811	2686	2606	2802	2862	2752	2676	2627	2613
<b>TOTAL Deaths</b>	1470	1593	1666	1568	1503	1381	1690	1991	1886	1875	1925	1954	2099
<b>Ages at Death</b>													
Under 1 year - -	292	339	325	320	289	284	330	430	328	351	395	368	376
1–5 years - -	189	188	175	177	169	168	191	210	201	245	229	266	278
5–20 " - -	100	95	78	87	78	87	73	109	101	104	91	105	106
20–40 " - -	213	188	224	223	230	167	224	252	204	248	249	229	238
40–60 " - -	292	354	390	331	327	298	358	399	321	364	337	375	436
60–80 " - -	316	350	396	346	341	305	417	472	426	433	474	487	518
80 years and upwards	68	79	78	84	79	72	92	119	105	130	100	124	147
<b>Deaths from—</b>													
Small pox - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles - -	24	31	27	27	30	21	22	21	27	32	36	38	35
Scarlet Fever - -	14	12	11	8	8	12	8	7	4	7	7	9	7
Diphtheria - -	46	47	30	34	30	31	32	49	40	29	48	36	45
Whooping-cough - -	21	32	41	37	40	36	50	45	58	55	64	55	73
Typhus - -	-	-	-	-	-	-	1	-	-	-	-	-	-
Enteric Fever - -	21	15	17	10	16	15	10	20	16	13	9	9	7
Simple Continued Fever - -	-	1	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery - -	19	14	13	11	10	8	10	15	11	10	12	13	8
Cholera - -	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>All the above Diseases</b>	145	152	139	127	134	123	133	157	136	147	176	160	175
<b>Dis. of Respiratory System—</b>													
Phtisis - -	284	306	365	363	295	266	348	481	413	484	470	529	565
Dis. of Circulatory System—	156	165	163	179	154	144	188	192	154	175	206	201	210
Violence - -	136	157	186	152	153	121	165	194	156	172	183	174	198
Inquest Cases - -	73	93	82	77	74	80	74	69	79	68	76	80	75
Deaths in Public Institutions—	163	209	209	171	142	161	152	178	166	151	182	190	184
	470	488	540	485	474	462	539	593	471	556	577	568	637
<b>TEMPERATURE OF THE AIR.</b>													
Mean - -	40.1	43.3	42.0	45.0	47.4	35.2	35.5	47.4	45.6	40.7	38.0	40.2	42.5
Mean of Highest readings - -	45.3	48.1	46.9	50.7	51.9	43.2	40.1	51.7	51.7	48.2	47.7	49.4	52.4
Mean of Lowest readings - -	34.6	36.8	36.2	39.8	41.9	33.7	30.6	42.7	39.9	34.0	28.3	31.1	33.8
<b>Humidity of the Air</b>	80	84	87	83	84	80	83	83	82	81	79	73	87
<b>Rain-fall (in inches)</b>	0.02	0.81	0.24	1.03	1.00	0.08	0.18	1.19	0.72	0.02	0.04	0.07	0.00
<b>Registered Sunshine (in hours)</b>	12.9	14.0	5.6	20.3	3.3	35.8	7.4	10.5	22.0	38.9	34.1	43.7	19.7
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - -	-	-	1	1	27	-	-	-	-	2	2	2	1
Scarlet Fever - -	2901	2039	2912	2777	2749	2679	2665	2642	2587	2575	2584	2540	2437
Diphtheria - -	1261	1248	1256	1257	1304	1368	1377	1378	1403	1374	1374	1313	1261
Enteric Fever - -	266	255	254	250	243	249	229	238	231	215	207	193	183

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrothlesley; Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.



TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the ELEVENTH Week of the Year 1899.

CAUSES OF DEATH		Corrected Averages for the 11th Week 1889-98.	In the Week ending Saturday, 18th March 1899.										Corrected Averages for the 11th Week 1889-98.	In the Week ending Saturday, 18th March 1899.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement," when the evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of murder, manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHOEA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 18th March, 1899.

The DEATHS registered during the Week include																	
REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of													
				Deaths of	Deaths from												
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON -	4,411,710	2613	2099	376	665	-	35	7	45	73	-	7	-	8	75	184	637
WEST DISTRICTS - - -	778,251	366	431	57	146	-	1	1	5	14	-	-	-	2	14	29	146
NORTH DISTRICTS - - -	1,040,694	566	436	78	147	-	15	12	8	19	-	4	-	2	20	44	116
CENTRAL DISTRICTS - - -	233,635	141	136	26	36	-	3	-	12	2	-	-	-	2	5	16	46
EAST DISTRICTS - - -	716,334	509	343	81	89	-	12	1	5	9	-	-	-	1	14	43	115
SOUTH DISTRICTS - - -	1,642,796	1031	720	134	234	-	4	12	24	29	-	3	-	1	22	52	181
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* }	-	-	33	-	13	-	-	1	1	-	-	-	-	-	-	-	33
WEST DISTRICTS.																	
St. Mary Paddington } G. & W.	90,996	39	35	4	11	-	-	-	1	-	-	-	-	-	1	1	7
WHH } - - G.	33,510	10	14	1	2	-	-	-	-	-	-	-	-	-	-	-	7
St. John Paddington H - - W.	122,164	53	83	7	37	-	-	-	-	-	-	-	-	-	2	7	43
Kensington Town Ww - - W & C.	48,301	7	24	1	7	-	-	-	1	1	-	-	-	-	-	1	5
Brompton HH- - - W & C.	9,097	6	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Peter Hammersmith - - W.	95,102	47	45	5	17	-	1	-	1	2	-	-	-	1	1	2	3
St. Paul Hammersmith HH W & G.	113,781	96	79	19	23	-	-	1	2	6	-	-	-	1	5	8	23
Fulham Ww - - - W. & C.	21,450	15	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Chelsea Kensal Town - - C.	42,057	19	38	5	11	-	-	-	-	3	-	-	-	-	-	1	18
Chelsea North WHHHH - - C.	33,139	14	18	3	4	-	-	-	-	1	-	-	-	-	-	2	1
Chelsea South HH - - C.	23,327	3	18	1	8	-	-	-	-	-	-	-	-	-	1	1	12
May Fair W - - - G.	56,140	21	20	1	5	-	-	-	-	-	-	-	-	-	2	3	7
Belgrave WHHH - - - C.	31,492	19	14	3	5	-	-	-	-	-	-	-	-	-	1	2	-
St. John Westminster HH - - C.	22,097	5	15	3	4	-	-	-	-	-	-	-	-	-	-	-	10
St. Margaret Westminster H- C.	23,050	9	18	1	11	-	-	-	-	1	-	-	-	-	1	1	8
St. James Westminster } N. & G.	12,048	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	2
WHH } - N.																	
St. Anne Soho HHHHHH - N.																	
NORTH DISTRICTS.																	
All Souls Marylebone } - - W.	36,595	9	16	2	3	-	-	-	-	-	-	-	-	-	1	1	10
HHHHHHHH } - - W.	19,798	2	19	2	10	-	-	-	-	1	-	-	-	-	-	-	6
Rectory Marylebone W } G. & W.	19,637	32	6	1	2	-	-	-	-	-	-	-	-	-	-	-	2
St. Mary Marylebone } G. & W.	32,547	12	10	2	4	-	-	1	-	-	-	-	-	-	-	1	-
HHHH } - W	32,611	15	9	1	3	-	-	-	-	-	-	-	-	-	-	1	-
Christchurch Marylebone H - W																	
St. John Marylebone HHH W.																	
Hampstead } - N. & W.	75,449	29	25	3	7	-	-	1	3	1	-	1	-	-	2	3	11
WwHHHH } - N. & W.																	
Regent's Park Pancras HH - W.	37,341	13	14	3	5	-	-	-	-	-	-	-	-	-	-	1	3
Tottenham-court } - N. & W.	26,757	10	15	2	6	-	-	-	-	-	-	-	-	-	-	-	11
wHHHH } - N. & W.																	
Gray's Inn Lane HHH - - N.	29,426	17	16	4	4	-	-	-	-	2	-	-	-	-	1	3	3
Somers Town HH - - N.	32,161	24	23	11	1	-	1	-	-	5	-	-	-	-	-	1	3
Camden Town WH - - N.	16,669	13	14	3	10	-	-	-	-	1	-	-	-	-	-	-	10
Kentish Town WW - - N.	98,410	60	32	4	12	-	-	-	-	-	-	-	-	-	-	1	9
Upper Holloway } - - N.	98,273	43	56	7	18	-	4	-	-	-	-	1	-	1	3	4	29
WWWwHH } - - N.																	
Islington South-west H - - N.	107,365	69	41	8	12	-	2	-	1	2	-	-	-	-	1	4	-
Islington South-east - - N.	66,549	44	21	5	10	-	1	-	-	1	-	-	-	-	-	2	-
Highbury HH - - N.	64,577	30	30	4	15	-	-	-	-	2	-	1	-	-	4	6	1
Stoke Newington H - - N.	33,485	13	9	1	2	-	-	-	-	-	-	-	-	-	-	1	-
North Hackney - - E. & N.	40	11	3	4	-	-	-	-	-	1	-	-	-	-	-	-	-
Central Hackney ww - - E. & N.	213,044	31	15	2	3	-	2	-	3	1	-	-	-	-	2	4	4
South-west Hackney HHH E. & N.		29	20	3	5	-	-	-	1	1	-	-	-	-	2	3	4
South-east Hackney WwH E. & N.		31	34	7	11	-	5	-	-	1	-	1	-	-	4	8	10

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there; namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other Districts than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies, which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

See note † on first page of this Return.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday 18th March, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation 1896.	Total Births.	Total Deaths	The DEATHS registered during the Week include															Deaths in Public Institution Un- der- lying Cause
				Infants under 1 Year of Age.	Persons aged 10 Years and upwards.	Deaths from													
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence	Inquest Cases			
CENTRAL DISTRICTS.																			
George Bloomsbury - - N.	16,110	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Giles South WH - - - N.	12,976	7	10	13	4	-	-	-	-	-	-	-	-	-	-	2	5	-	
Giles North H - - - N.	3,151	3	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Martin-in-the-Fields HHN. & C. and WHH - - - - N.	13,077 11,839	2 7	9 6	-	2	-	-	-	-	-	-	-	-	-	-	2	5	-	
and Union Workhouse, Edmonton	†1,037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
born w H H H H H H H H - - N.	31,042	16	25	6	6	-	-	-	-	1	-	-	-	-	-	-	-	-	
James Clerkenwell - - - N.	15,777	12	5	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
well Clerkenwell - - - N.	34,356	29	14	5	5	-	-	-	-	-	1	-	-	-	-	-	-	-	
well-street - - - N.	16,069	14	7	1	2	-	-	-	-	-	1	-	-	-	-	-	-	-	
y-road H H H L - - - N.	29,597	35	24	8	5	-	2	-	-	-	-	-	-	-	-	1	12	-	
itecross-street - - - N.	7,595	4	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
sbury - - - N.	4,035	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
born Union Workhouse, } titcham - - - N.	†592	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
Botolph H - - - N. & E.	6,870	4	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
pplegate - - - N.	3,299	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sepulchre WH - - - N.	9,591	-	15	-	2	-	-	-	-	1	-	-	-	-	-	2	12	1	
halls Barking - - - N.	9,059	3	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
oad Street H - - - N.	2,892	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
y of London Asylum, Stone - -	†388	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
EAST DISTRICTS.																			
oreditch South HI - E. & N.	17,975	9	7	1	1	-	1	-	-	-	-	-	-	-	-	2	1	5	
oxton New Town w - - N.	29,575	24	16	5	5	-	-	-	-	-	1	-	-	-	-	3	3	20	
oxton Old Town - - - N.	27,645	25	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
aggerston WH - - - N. & E.	47,163	34	39	6	12	-	-	-	-	2	-	-	-	-	-	-	-	-	
ethnal Green North H - E.	49,301	39	16	5	2	-	-	-	-	-	1	-	-	-	-	-	2	1	
ethnal Green South - - E.	34,194	20	19	9	1	-	5	-	-	-	-	-	-	-	-	-	3	18	
ethnal Green East WHI - E.	45,667	32	26	2	13	-	-	-	-	-	-	-	-	-	-	-	-	-	
italfields - - - E. & N.	26,681	16	5	2	1	-	-	-	-	-	-	-	-	-	-	-	1	2	
ile End New Town* WH - E.	51,995	19	34	3	2	-	2	-	1	-	-	-	-	-	-	-	2	29	
oodman's Fields* - - E.		15	7	1	2	-	-	-	-	-	-	-	-	-	-	-	1	3	
. George's North - - - E.	39,576	29	7	3	-	-	-	-	-	-	2	-	-	-	-	-	1	-	
. John, St. George East W E.	7,930	7	14	1	6	-	-	-	-	-	-	-	-	-	-	-	2	10	
adwell H - - - E. & N.	10,434	5	7	1	1	-	-	-	-	1	-	-	-	-	-	1	1	4	
atchiff W - - - E.	14,954	14	8	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
mehouse - - - E.	32,917	20	11	7	2	-	-	-	-	-	1	-	-	-	-	-	-	-	
ile End Old Town West H E.	111,060	{ 64 33	19	7	6	-	1	-	-	1	-	-	-	-	-	-	5	-	
ile End Old Town East } - E.			26	9	5	-	-	-	-	-	-	-	-	-	-	-	3	9	
WWWW																			
ow l - - - E.	41,687	33	14	2	6	-	-	-	1	-	1	-	-	-	-	-	2	15	
romley wwwH - - - E.	69,821	34	42	8	15	-	2	-	-	-	-	-	-	-	-	1	1	2	
oplar WW - - - E.	57,759	37	19	4	6	-	-	-	1	-	-	-	-	-	-	-	-	-	

† Population in 1891, not included in the total population of the Central Districts or of London.  
\* Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.



TABLE 5 LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 18th March, 1899.—*continued.*

REGISTRATION SUB-DISTRICTS		Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	The DEATHS registered during the Week include													Deaths in Public Institutions	
					Deaths of	Deaths from											Inquest Cases.		
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.			Violence.
SOUTH DISTRICTS.																			
Christchurch Southwark	WHL & S.	13,064	3	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Saviour Southwark	-	12,301	10	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kent-road	-	22,879	15	9	4	-	-	-	1	-	-	1	-	-	-	-	-	-	-
Borough-road	WH	16,083	10	14	3	1	-	-	-	-	-	-	-	-	-	-	2	9	-
London-road	HL	21,316	18	10	3	1	-	-	-	-	-	1	-	-	-	-	1	1	-
Trinity Newington	-	28,723	19	12	4	3	-	-	-	-	-	-	-	-	-	-	1	1	-
St. Peter Walworth	W	62,045	50	24	4	3	-	-	-	-	-	2	-	-	-	-	1	1	1
St. Mary Newington	-	30,171	13	9	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Olave	WH	11,731	6	19	2	4	-	-	-	-	1	-	-	-	-	-	2	2	17
Bermondsey	W	85,475	67	37	7	11	-	-	-	-	1	5	-	-	-	-	1	5	5
Rotaerhithe	WwH	40,379	26	23	1	6	-	-	-	-	-	1	-	-	-	-	1	2	9
Waterloo-road	HH	28,396	28	10	4	3	-	-	-	-	3	-	-	-	-	-	1	1	1
Lambeth Church 1st	H	18,770	18	16	3	1	-	-	1	-	-	2	-	-	-	-	-	4	13
Lambeth Church 2nd	WW	40,994	35	35	4	15	-	-	-	-	3	3	-	-	-	-	2	2	22
Kennington 1st	H	52,486	36	21	5	8	-	-	-	-	-	1	-	-	-	-	1	1	-
Kennington 2nd	-	43,244	31	13	3	6	-	-	-	-	-	-	-	-	-	-	-	1	-
Brixton	w	81,825	28	23	3	6	-	-	-	-	-	-	-	-	1	-	-	-	2
Norwood	WH	29,318	12	9	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-
East Battersea	-	71,730	43	27	6	10	-	-	-	-	-	1	-	-	-	-	2	5	-
West Battersea	WwH	93,385	56	43	9	13	-	-	-	-	1	-	-	-	-	-	2	6	13
Clapham	H	46,953	21	18	3	7	-	-	-	-	-	-	-	-	-	-	1	2	2
Wandsworth	WHHL	53,101	34	25	4	10	-	-	-	-	-	4	-	-	-	-	2	2	1
Putney	-	20,566	8	9	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Streatham	WwwwL	61,644	40	23	7	9	-	-	-	1	1	1	-	-	-	-	-	3	5
Dulwich	-	7,519	3	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell	Wwll	90,286	39	73	5	29	-	-	-	-	1	-	-	-	-	-	2	5	41
Peckham	WW	88,242	53	34	7	13	-	1	-	1	1	-	-	-	-	-	2	3	-
St. George Camberwell	-	67,029	46	26	8	7	-	-	-	-	2	2	-	-	-	-	2	4	-
Deptford North	-	36,152	26	12	3	2	-	-	-	-	-	1	-	-	-	-	-	-	-
Deptford Central	w	45,441	38	21	7	3	-	-	-	-	-	5	-	-	-	-	1	1	5
Deptford South	-	33,402	10	6	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Greenwich West	H	23,012	13	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Greenwich East	WH	37,767	33	24	4	11	-	-	-	-	1	-	-	-	-	-	-	-	14
Eltham	wH	5,911	1	7	-	5	-	-	-	-	-	-	-	-	-	-	-	1	-
Lee	H	24,222	10	6	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Lewisham	WwH	38,139	32	18	2	7	-	-	-	1	4	-	-	-	1	-	-	-	9
Sydenham	H	37,601	18	10	2	3	-	-	-	-	-	-	-	-	-	-	-	-	2
Charlton	wHH	15,928	7	9	2	1	-	1	-	-	1	1	-	-	1	-	-	1	5
Woolwich Dockyard	-	19,355	15	7	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Woolwich Arsenal	HHHH	21,959	15	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plumstead West	H	16,714	17	7	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Plumstead East	WH	42,538	28	14	3	6	-	-	-	-	-	-	-	-	-	-	1	-	5
Banstead Asylum	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Caterham Asylum	-	-	-	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2
Cane Hill Asylum	-	-	-	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	4
Hospital Ships and Camp, Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Darenth Asylum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London County Asylum, Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heath	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hanwell Asylum	-	-	-	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Colney Hatch Asylum	-	-	-	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	5
N.E. Hospital	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	4
Winchmore Hill Hospital	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leavesden Asylum	-	-	-	9	-	3	-	-	-	-	-	-	-	-	-	-	-	-	2
Claybury Asylum	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	9

TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 18th March, 1899.

REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu-merated Popu-lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
					Deaths of		Deaths from										
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Loquax Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
LONDON—OUTER RING	368,749	1,422,063	1109	639	149	216	—	23	—	9	16	5	3	21	44	64	6
1 Carshalton WHH	12,228	26,108	16	3	1	1	—	—	—	—	—	—	—	—	—	—	—
2 Epsom, part of* WvHH	10,423	12,508	6	2	—	1	—	—	—	—	—	—	—	—	—	—	—
1 Godstone, part of* W	2,754	1,598	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—
1 Croydon WvHHH	20,851	128,699	71	52	8	20	—	—	—	—	—	—	1	2	4	12	—
2 Mitcham W	11,697	23,072	9	8	1	4	—	—	—	1	—	—	—	—	—	—	—
1 Wimbledon HHH	3,220	25,777	16	18	3	11	—	1	—	1	—	—	—	—	1	—	—
2 Kingston WH	—	33,566	27	16	3	5	—	—	—	—	—	—	—	1	1	5	—
3 Surbiton H	14,672	12,178	12	1	—	—	—	—	—	—	—	—	—	—	—	—	—
4 Esher, part of* HH	—	11,080	13	3	2	1	—	—	—	—	—	—	—	—	—	—	—
5 Hampton HL	4,565	18,252	13	8	2	4	—	—	—	—	1	—	—	—	1	—	—
1 Richmond WH	2,160	25,389	14	14	3	5	—	—	—	—	—	—	—	1	1	2	—
2 Mortlake H	2,823	16,159	10	9	4	—	—	—	—	—	—	—	1	1	1	—	—
1 Bromley HHH	9,127	23,815	10	2	—	1	—	—	—	—	—	—	—	—	—	—	—
2 Beckenham H	6,542	21,969	8	10	1	5	—	—	—	—	—	—	—	—	—	—	1
3 Chislehurst, part of* WHH	14,307	20,372	8	2	1	1	—	—	—	—	—	—	—	—	—	1	—
1 Bexley HHH	12,540	30,590	52	13	4	2	—	—	—	—	1	—	—	—	1	—	—
2 Dartford WH, part of*	—	—	—	3	—	1	—	—	—	—	—	—	—	—	—	3	—
1 Sunbury w	11,054	13,671	10	5	—	2	—	—	—	—	—	—	—	—	—	—	—
2 Staines WH	13,277	13,221	5	3	1	1	—	—	—	—	—	—	—	—	—	—	—
1 Hillingdon WHH	6,035	12,237	4	5	—	3	—	—	—	—	—	—	—	—	—	—	—
2 Uxbridge	12,757	7,253	1	3	1	2	—	—	—	—	—	—	—	—	—	—	—
3 Hayes wH	7,952	11,051	11	3	1	—	—	—	—	—	—	—	—	—	—	—	—
1 Isleworth WHH	6,967	26,004	20	16	3	11	—	—	—	—	—	—	—	—	—	—	—
2 Twickenham HH	2,415	16,027	6	11	3	—	—	—	—	—	—	—	—	4	4	—	1
3 Brentford HHHH	4,318	37,777	27	11	1	3	—	—	—	—	1	—	—	1	1	1	—
4 Chiswick	1,245	21,963	20	15	5	6	—	—	—	—	12	—	—	—	—	—	—
5 Acton WHH	6,132	30,945	21	15	5	3	—	—	—	3	—	—	—	—	—	—	—
1 Harrow HHH	13,809	15,715	9	5	2	1	—	1	—	—	—	—	—	—	—	—	—
2 Edgware HH	6,994	3,844	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3 Willesden HHH	4,383	61,265	64	25	5	8	—	—	—	—	—	—	1	—	1	—	1
4 Hendon WH	8,382	15,843	12	10	—	4	—	—	—	—	1	—	—	—	—	2	—
1 South Mimms HH	—	6,367	1	5	2	1	—	—	—	—	—	—	—	1	1	—	—
2 Barnet WHH	21,077	14,152	8	4	1	2	—	—	—	—	—	—	—	—	—	—	—
3 Finchley HHH	4,668	25,820	15	9	1	3	—	—	—	1	1	—	—	—	—	—	—
1 Hornsey HH	3,039	61,097	37	20	5	6	—	—	—	—	1	—	—	—	2	—	—
2 Tottenham HH	4,642	97,174	74	48	9	17	—	—	—	—	3	1	—	2	6	—	—
3 Edmonton WvW	7,489	36,351	31	12	5	6	—	—	—	—	—	—	—	—	1	1	—
4 Enfield WvHHH	12,602	31,536	18	11	3	3	—	2	—	—	1	—	—	—	—	1	—
5 Waltham Abbey	11,017	6,066	5	1	1	—	—	—	—	—	—	—	—	—	—	—	—
6 Cheshunt H	8,480	9,620	5	7	2	2	—	—	—	—	—	—	—	1	1	—	1
1 Hatfield, part of* W	3,306	582	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1 Bushey H	9,331	7,737	3	4	—	2	—	—	—	—	—	—	—	—	—	2	—
2 Watford WH, part of*	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	1	—
1 Stratford H	—	38,612	34	14	1	4	—	—	—	—	1	—	—	1	1	—	—
2 Plaistow WvHHH	—	53,030	73	25	8	3	—	—	—	—	—	—	—	—	1	1	—
3 Canning Town H	—	54,750	57	33	13	5	—	4	—	2	1	—	—	2	3	1	—
4 Forest Gate w	—	53,511	28	19	3	8	—	—	—	—	—	—	—	—	—	—	1
5 East Ham WHH	3,266	32,713	60	33	11	10	—	3	—	—	—	2	—	—	—	—	—
6 Leyton WvWvH	4,334	70,188	63	53	9	17	—	6	—	—	2	1	—	—	2	26	—
7 Walthamstow HHL	6,501	57,330	54	22	7	8	—	2	—	—	—	1	—	3	4	1	—
1 Chigwell, part of* HHHH	11,779	12,941	9	5	1	1	—	—	—	—	—	—	—	—	—	1	—
2 Epping WH, part of*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1 Romford, part of* WH	6,556	4,324	2	2	—	1	—	—	—	—	—	—	—	—	1	—	—
2 Ilford	8,493	10,913	14	11	3	3	—	—	—	1	—	—	—	—	3	—	—
3 Barking Town, H	3,814	14,301	18	7	4	1	—	—	—	—	—	—	—	1	2	—	—
Middlesex County Asylum Annexe, Streatham.	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1	—

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Waringham Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in field sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (p. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for various Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 18th March, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include													Deaths in Public Institutions.	
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from												
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.					
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.				
GREATER LONDON	443,421	6,528,434	21.9	1.8	2738	525	881	-	58	7	54	89	12	11	96	701				
INNER LONDON -	74,672	4,546,752	24.1	2.0	2099	376	665	-	35	7	45	73	7	8	75	637				
OUTER RING -	368,749	1,981,682	16.8	1.5	639	149	216	-	23	-	9	16	5	3	21	64				

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
EDINBURGH -	298,927	March 18	149	106	18.5	-	2	1	1	9	2	-	
GLASGOW -	733,903	" 18	453	309	22.0	-	18	3	4	10	4	7	
DUBLIN -	349,594	" 18	180	217	32.4	-	-	-	2	10	-	-	
CALCUTTA -	466,460	January 28	-	-	-	-	-	-	-	-	-	-	
BOMBAY -	821,764	February 28	201	2212	140.0	7	108	?	?	?	1098†	107‡	
MADRAS -	452,518	" 3	311	386	44.3	1	2	?	?	?	38	101‡	
PARIS -	2,511,629	March 11	1245	1195	21.7	-	19	4	13*	20	10	32	
BRUSSELS -	551,011	" 11	264	309	29.2	-	26	-	-	2	-	19	
AMSTERDAM -	512,758	" 4	333	155	15.7	-	-	-	1	2	1	-	
ROTTERDAM -	306,439	" 4	214	139	23.2	-	-	-	2	4	1	-	
THE HAGUE -	196,325	" 4	135	64	16.7	-	2	-	-	2	-	-	
COPENHAGEN -	345,000	" 11	202	150	22.7	-	9	3	3	3	1	3	
STOCKHOLM -	283,550	" 4	145	145	26.6	-	7	-	11*	3	-	2	
CHRISTIANIA -	203,337	" 11	139	65	16.6	-	-	1	1	-	-	1	
ST. PETERSBURG	1,132,677	" 4	679	589	27.1	-	9	8	14	8	28	37	
MOSCOW -	988,610	" 4	-	480	25.3	1	19	8	13	-	6	21	
BERLIN -	1,805,054	February 25	946	625	18.0	-	3	6	11	13	-	22	
HAMBURG -	675,351	March 11	-	222	17.1	-	-	-	4*	4	-	4	
DRESDEN -	388,300	January 21	-	-	-	-	-	-	-	-	-	-	
BRESLAU -	406,042	March 11	-	206	26.5	-	-	3	3	1	-	12	
MUNICH -	445,000	" 11	-	216	25.2	-	-	-	4*	-	-	18	
VIENNA -	1,606,629	" 11	993	776	25.1	-	17	8	18*	3	1	44	
PRAGUE -	380,497	" 4	-	-	-	-	-	-	-	-	-	-	
BUDA-PESTH -	666,722	" 4	481	380	29.6	-	5	4	6	-	8	15	
TRIESTE -	165,913	" 4	-	-	-	-	-	-	-	-	-	-	
ROME -	500,610	February 25	275	224	23.3	-	-	-	1	5	8§	11	
TURIN (11 days)	344,203	January 31	268	204	19.7	-	2	-	6	7	-	6	
VENICE -	169,883	March 4	68	103	31.5	-	2	-	2*	-	-	3	
CAIRO -	570,062	-	-	-	-	-	-	-	-	-	-	-	
ALEXANDRIA -	319,766	-	-	-	-	-	-	-	-	-	-	-	
NEW YORK (including Brooklyn)	3,550,053	February 25	1570	1406	20.7	-	3	18	24	10	7	14	
PHILADELPHIA -	1,266,832	" 25	-	638	26.3	-	-	1	20	4	38	3	

\* Including deaths from croup.

† Including 945 deaths from plague.

‡ Including 2 deaths from cholera in Bombay and 4 in Madras.

§ Including 1 death from malarial fever.



1899.	Phases of the Moon.	TEMPERATURE.				Difference between the Air Temperature and Dew Point Temperature.				Degree of dryness of the air (Saturation equals 100).	TEMPERATURE.			Oiler's.				Wind as detected from anemometer.		Rain collected in Gauge during month.				
		Of the Air.				Of the Temperature and Dew Point Temperature.		Radiation.	Of the Earth 3 feet below Surface.		General Direction.		Pressure on the Square Foot.		Robinson's.									
		High- est.	Low- est.	Daily Range.	Mean daily value.	De- parture from Average of 50 years.	Mean daily value.		Great- est.		A.M.	P.M.	Great- est.	Least.	Mean of 24 hours of the day.	Horizontal Movement of the Air on each Day.	Depar- ture from Average of 16 Years.							
MARCH.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
SUNDAY	- 12	30316	571	426	145	495	+ 88	445	0	114	09	83	945	339	4231	WSW. W. & N.	N. & E.	16	00	189	Miles.	in.	000	00
MONDAY	- 13	30394	568	344	292	442	+ 33	414	0	114	00	90	1004	283	4270	Calm & E. & ESE.	E. & ESE.	00	00	82	Miles.	000	00	00
TUESDAY	- 14	30343	577	294	233	418	+ 06	387	0	165	00	89	793	262	4318	Variable & calm.	Variable & SE.	00	00	67	Miles.	000	00	00
WEDNESDAY	15	30362	591	287	304	440	+ 26	379	0	146	00	79	1022	242	4339	Variable & calm.	ENE. & E.	00	00	100	Miles.	000	00	00
THURSDAY-	16	30276	445	323	122	385	- 30	376	0	42	00	97	550	239	4339	ENE.	ENE. & E.	10	00	177	Miles.	000	00	00
FRIDAY	- 17	30157	462	371	91	407	- 09	393	14	48	00	94	657	317	4342	E. & SE.	WSW. & SW.	00	00	123	Miles.	000	00	02
SATURDAY-	18	29480	453	319	134	388	- 28	323	0	132	00	78	788	263	4351	WSW. & NE.	ENE. & N.	44	00	344	Miles.	000	00	03
Greatest Dec. N.																								
		30247	524	338	186	425	+ 12	388	0	109	01	87	818	278	4343	Variable		..	..	Sum 1083	Sum	000	00	01
MEANS	-																							
No. of Column -	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

The results apply to the civil day, or from midnight to midnight. The height of the cistern of the barometer is 159 feet above the mean level of the sea ; correction has been applied to the readings to reduce to sea level.

Correction has been applied to the readings to reduce to sea level. The means of Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the thermometer readings are converted to mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement the air from a discussion of the anemometry records for the 16 years ending 1875.

in air from a discussion of the anemometric records for the 16 years ending 1915. In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

which cannot be determined. The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: P. positive; N. negative; w. weak; m. moderate;

the symbols employed are:—F. positive; N. negative; W. weak; M. moderate; S. strong; and V. variable.

Now the aggregated duration of bright sunshine on each day. The reading of the barometer increased from 30.18 in. at the beginning of the week to 30.28 in. at the end of the week. The numbers in column 23, derived from the Campbell-Stokes Sunshine instrument, show the aggregated duration of bright sunshine on each day.

The reading of the barometer increased from 30.18 in. at the beginning of the week to 30.43 in. by 9h. A.M. on the 13th; decreased to 30.22 in. by 5h. P.M. on the 15th; increased to 30.36 in. by 7h. A.M. on the 16th; decreased to 29.90 in. by 5h. A.M. on the 17th; increased to 30.30 in. by 10h. A.M. on the 18th; decreased to 29.90 in. by 5h. A.M. on the 19th.

th; and increased to 30·00 in. by the end of the week.

DATE.		ELABORATORY. (For explanation of symbols, see Note.)	Registered Sunshine in hours.	Sun above Horizon, in hours.	GENERAL REMARKS.
MARCH.					
SUNDAY	- 12	w. P. throughout -	2°2	11°6	Generally cloudy.
MONDAY	- 13	w. P. generally -	6°3	11°7	Cloudy in early morning; dense fog pre- valent till 11h. A.M.; cloudless afterwards with fog after 11h. P.M.
TUESDAY	- 14	w. P. generally -	2°6	11°7	Generally cloudless; dense fog prevalent till afternoon.
WEDNESDAY	- 15	w. P. throughout -	7°6	11°8	Cloudless; very fine. Fog and hoar frost in morning.
THURSDAY	- 16	w. P. throughout -	6°0	11°8	Cloudless and very fine in early morning; dense fog till 9h. A.M.; generally overcast afterwards.
FRIDAY	- 17	w. P. throughout -	6°0	11°9	Cloudy; fog at night.
SATURDAY	- 18	w. P. throughout -	6°7	12°0	Cloudy till evening; cloudless and very fine afterwards. Foggy and gloomy in early morning.
			Sum 19°7	Sum 82°5	
No. of Col. -		27	28	29	

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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

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No. 12. 1899. VOL. LX.] WEEK ENDING SATURDAY, MARCH 25. [Price 1½d.

General Register Office, Somerset House,  
March 27th, 1899.

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 23·1 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Mar. 4.	Mar. 11.	Mar. 18.	Mar. 25.		Mar. 4.	Mar. 11.	Mar. 18.	Mar. 25.
33 Great Towns	21·5	22·2	23·3	23·1	Leicester - -	14·6	21·0	16·6	19·8
Birkenhead -	25·4	22·2	24·9	23·1	Liverpool - -	29·8	28·0	28·8	26·1
Birmingham -	20·2	17·4	20·9	22·1	London - - -	22·1	22·4	24·1	23·2
Blackburn - -	23·9	21·2	26·2	25·1	Manchester - -	29·6	27·8	31·9	33·4
Bolton - - -	19·3	22·2	27·3	22·5	Newcastle-on-Tyne	21·2	23·9	19·8	19·4
Bradford - -	19·9	21·9	20·1	21·6	Norwich - - -	19·8	22·1	20·3	20·7
Brighton - -	16·9	20·7	18·2	21·2	Nottingham - -	19·4	17·6	21·6	20·5
Bristol - - -	16·4	20·5	17·7	18·0	Oldham - - -	21·1	29·7	28·0	32·9
Burnley - - -	14·8	19·4	20·3	24·0	Plymouth - - -	18·1	21·2	21·8	27·5
Cardiff - - -	13·7	13·5	16·8	13·2	Portsmouth - -	16·7	18·0	16·4	20·8
Croydon - - -	13·1	16·3	17·1	19·6	Preston - - -	25·3	29·7	27·9	19·9
Derby - - - -	21·6	19·1	12·7	22·5	Salford - - - -	19·8	26·0	31·5	28·0
Gateshead - -	22·0	13·7	18·6	19·6	Sheffield - - -	22·5	27·1	24·8	23·8
Halifax - - -	20·3	30·4	25·6	22·4	Sunderland - -	23·3	18·3	20·4	21·1
Huddersfield -	16·1	18·6	24·7	16·1	Swansea - - -	16·1	16·6	18·6	23·1
Hull - - - -	17·8	19·1	16·5	19·4	West Ham - - -	19·8	19·8	18·8	17·4
Leeds - - - -	20·8	20·5	23·6	25·0	Wolverhampton -	19·4	17·6	21·7	29·4

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Bolton, 1·1 in Sunderland, 1·2 in Salford, 1·7 in Manchester, and 2·3 in West Ham; from *scarlet fever*, 2·0 in Derby; from *whooping-cough*, 1·0 in London, in Bristol, and in Swansea, 1·3 in Preston, 1·4 in Cardiff, 1·8 in Birkenhead, and 2·1 in Plymouth; and from "*fever*," 1·8 in Wolverhampton. In none of the thirty-three towns did the death-rate from *diarrhoea* reach 1·0 per 1000. The 81 deaths from *diphtheria* included 37 in London, 8 in Sheffield, 7 in Leeds, 6 in Leicester, and 3 in Portsmouth. No death from *small-pox* was registered in any of the thirty-three towns.

### LONDON.

In LONDON† 2480 BIRTHS and 2025 DEATHS were registered. Allowing for increase of population, the births were 203 below, and the deaths 230 above, the average numbers in the corresponding weeks of the last ten

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.



years. The annual death-rate per 1000 from all causes, which had been 22·1, 22·4, and 24·1 in the preceding three weeks, fell again last week to 23·2. During the four weeks ending on Saturday last the death-rate averaged 23·0 per 1000, being 1·0 per 1000 above the mean rate in the corresponding periods of the ten years 1889-98.

The 2025 deaths included 33 from measles, 4 from scarlet fever, 37 from diphtheria, 90 from whooping-cough, 4 from enteric fever, 11 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 179 deaths were referred to these diseases, being 30 below the corrected average weekly number.

The deaths from *measles*, which had been 36, 38, and 35 in the preceding three weeks, further fell last week to 33, and were 36 below the corrected average; 4 cases belonged to Islington, 4 to Bethnal Green, 3 to Hampstead, 3 to Hackney, and 3 to Camberwell sanitary areas. The deaths from *scarlet fever*, which had been 7, 9, and 7 in the preceding three weeks, further fell last week to 4, and were 10 below the corrected average; 3 cases belonged to St. Pancras sanitary area. The deaths from *diphtheria*, which had been 48, 36, and 45 in the preceding three weeks, fell again last week to 37, and were 3 below the corrected average; 5 cases belonged to Battersea, 4 to Hackney, 3 to St. Pancras, 3 to Newington, 3 to Lambeth, and 3 to Greenwich sanitary areas. The deaths from *whooping-cough*, which had been 64, 55, and 73 in the preceding three weeks, further rose last week to 90, and were 24 above the corrected average; 11 cases belonged to Islington, 10 to St. Pancras, 8 to Chelsea, 8 to Lambeth, 6 to Fulham, 6 to Newington, 6 to Battersea, and 5 to Greenwich sanitary areas. The fatal cases of *enteric fever*, which had been 9, 9, and 7 in the preceding three weeks, further fell last week to 4, and were 2 below the corrected average. The deaths from *diarrhœa*, which had been 12, 13, and 8 in the preceding three weeks, rose again last week to 11, but were 3 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 470, 529, and 565 in the preceding three weeks, further rose last week to 604, and were 154 above the corrected average. The deaths attributed directly to *influenza* numbered 108, having been 97, 100, and 125 in the preceding three weeks.

Different forms of violence caused 56 deaths, concerning all of which inquests were held. Of these 56 deaths, 8 were cases of suicide, and 1 of homicide, while the remaining 47 were attributed to accident or negligence. Six of these were referred to vehicles in the streets, 4 to burns and scalds, 1 to poisoning by coal-gas, and 8 (of infants under one year of age) to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2355 cases of scarlet fever, 1200 of diphtheria, 173 of enteric fever, and 7 of typhus, under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 177 cases, against 236, 217, and 224; of diphtheria, 110 cases, against 142, 133, and 133; and of enteric fever, 15 cases, against 27, 14, and 26.

#### GREATER LONDON.

In Greater London 3511 births and 2637 deaths were registered, corresponding to annual rates of 28·0 and 21·1 per 1000 of the estimated population. In the Outer Ring 26 deaths from measles, 1 from scarlet fever, 16 from diphtheria, 20 from whooping-cough, 1 from "fever," and 3 from diarrhœa were registered. Seventeen deaths from measles, 6 from diphtheria, and 6 from whooping-cough occurred in West Ham district; 8 deaths from measles and 3 from diphtheria occurred in Edmonton district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·72 inches, and that of the Thermometer 32·02; the latter being 9·6 below the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 3 per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 31·3 hours; the measured rainfall amounted to 0·11 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Small-pox, Scarlet Fever, Diphtheria, Enteric Fever, or Typhus respectively; but in a considerable proportion of cases the diagnosis found after sojourn in the Hospital to have been erroneous.

CITIES AND BOROUGHES.	POPULATION estimated to the middle of the year 1891.	Registered during the week ending 24th March 1895.		Deaths of		Deaths from										Causes of Death.		per 1000, corresponding to the Week's Deaths.		TEMPERATURE OF THE AIR.				RAINFALL.		CITIES AND BOROUGHES.
		BIRTHS.	DEATHS.	Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Typh.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes of Death.	From All Causes.	From Diseases 12-15.	HigHEST. Fahrenheit.	LowEST.	Mean.	Centigrade.	Rainfall. Inches.	In Centi- metres.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.	
33 TOWNS	11,404,408	6211	5061	1042	1486	-	91	20	81	154	20	31	146	356	987	62	231	18	49.2	13.1	31.6	-0.22	0.35	0.89	33 TOWNS.	
LONDON	4,546,752	2480	2025	370	641	-	33	4	37	90	4	11	53	163	532	14	232	21	47.0	20.3	32.2	0.11	0.11	0.28	LONDON.	
WEST HAM	300,241	189	100	34	17	-	13	-	2	4	-	2	6	9	15	1	174	3.6	-	-	-	-	-	-	WEST HAM.	
CROYDON	127,759	61	48	10	20	-	-	-	-	1	-	-	4	7	5	-	196	0.4	46.8	13.1	28.5	-	0.12	0.30	CROYDON.	
BRIGHTON	123,226	72	50	6	19	-	-	-	2	-	-	1	1	2	3	-	212	1.7	49.2	23.2	33.1	0.61	0.30	0.76	BRIGHTON.	
PORTSMOUTH	100,741	99	76	10	31	-	-	-	3	-	1	1	1	1	20	-	208	1.4	49.0	23.0	33.0	0.56	0.26	0.66	PORTSMOUTH.	
PLYMOUTH	100,837	54	53	10	22	-	-	-	-	4	-	1	1	2	1	-	27.5	2.6	-	-	-	-	-	-	PLYMOUTH.	
BRISTOL	320,911	190	111	23	36	-	-	-	1	6	1	3	3	7	23	1	180	1.3	44.2	22.0	32.2	0.11	0.06	0.15	BRISTOL.	
CARDIFF	185,826	97	47	14	15	-	-	-	2	5	-	-	2	3	4	-	132	2.0	-	-	-	-	-	-	CARDIFF.	
SWANSEA	103,722	56	46	11	11	-	-	-	1	2	-	-	1	1	4	3	23.1	2.5	-	-	-	-	-	-	SWANSEA.	
WOLVERHAMPTON	88,821	54	50	5	20	-	-	-	-	1	3	1	2	5	11	-	29.4	2.3	46.0	18.5	29.8	-1.22	0.41	1.04	WOLVERHAMPTON.	
BIRMINGHAM	514,956	332	218	67	56	-	2	2	-	1	1	1	8	10	35	6	221	0.8	-	-	-	-	1.03	2.74	BIRMINGHAM.	
NORWICH	113,266	65	45	6	18	-	-	-	1	2	-	-	-	1	8	-	20.7	1.4	47.8	14.0	30.7	-0.72	-	-	NORWICH.	
LEICESTER	213,851	116	81	21	24	-	-	1	6	-	-	1	1	7	9	5	19.8	2.0	-	-	-	-	0.05	0.13	LEICESTER.	
NOTTINGHAM	239,384	119	94	25	25	-	-	-	1	3	-	-	6	9	19	3	20.5	0.9	45.6	13.6	30.4	-0.89	-	-	NOTTINGHAM.	
DERBY	106,401	46	46	11	7	-	1	4	-	1	-	-	-	1	7	-	22.5	3.4	-	-	-	-	-	-	DERBY.	
BIRKENHEAD	115,162	62	51	11	14	-	-	-	-	4	-	-	1	2	6	-	23.1	1.8	-	-	-	-	-	-	BIRKENHEAD.	
LIVERPOOL	634,212	370	317	57	80	-	2	3	2	2	1	2	16	22	77	8	26.1	1.0	48.6	26.8	34.1	1.17	0.31	0.79	LIVERPOOL.	
BOLTON	162,221	88	70	16	23	-	3	-	1	-	1	-	2	12	3	-	22.5	1.6	-	-	-	-	-	-	BOLTON.	
MANCHESTER	543,962	307	348	69	80	-	18	-	-	6	-	2	10	26	67	4	33.4	2.5	-	-	-	-	-	-	MANCHESTER.	
SALFORD	218,244	137	117	17	28	-	5	-	2	1	1	2	2	7	17	2	28.0	2.6	-	-	-	-	-	-	SALFORD.	
OLDHAM	150,772	60	95	15	40	-	-	-	-	1	-	-	2	3	14	-	32.9	0.3	-	-	-	-	-	-	OLDHAM.	
BURNLEY	113,081	53	52	13	12	-	-	-	-	1	2	-	-	1	3	5	24.0	1.4	-	-	-	-	-	-	BURNLEY.	
BLACKBURN	135,154	65	65	14	13	-	1	-	1	-	-	2	2	4	7	1	25.1	1.5	-	-	-	-	-	-	BLACKBURN.	
PRESTON	117,622	63	45	17	10	-	-	-	-	3	-	1	-	-	-	-	19.9	1.8	-	-	-	-	-	-	PRESTON.	
HUDDESFIELD	103,464	43	32	4	7	-	-	-	-	1	-	1	-	-	-	3	13.1	1.0	42.2	22.7	30.2	-1.00	0.65	1.65	HUDDESFIELD.	
HALIFAX	97,721	41	42	7	18	-	-	1	-	1	-	-	3	3	9	4	22.4	1.1	-	-	-	-	-	-	HALIFAX.	
BRADFORD	236,241	99	98	29	30	-	-	4	-	3	1	1	2	6	10	-	21.6	2.0	47.4	23.4	34.0	1.31	0.00	0.00	BRADFORD.	
LEEDS	423,880	204	203	39	43	-	6	-	7	6	-	-	1	11	25	-	25.0	2.3	-	-	-	-	-	-	LEEDS.	
SHEFFIELD	361,169	200	165	39	52	-	1	-	8	2	1	-	2	4	19	4	23.8	1.7	-	-	-	-	-	-	SHEFFIELD.	
HULL	234,270	134	87	28	18	-	2	-	1	3	-	-	5	13	9	2	19.4	1.3	45.0	19.0	29.8	-1.2	0.81	2.03	HULL.	
SUNDERLAND	145,613	70	59	20	11	-	3	-	1	1	1	-	1	1	6	-	21.1	2.1	-	-	-	-	-	-	SUNDERLAND.	
GATESHEAD	106,552	70	40	14	7	-	-	-	1	-	1	-	1	3	1	-	19.6	0.5	-	-	-	-	-	-	GATESHEAD.	
NEWCASTLE	228,625	115	85	19	27	-	1	-	-	-	-	-	2	7	8	1	19.4	0.2	-	-	-	-	-	-	NEWCASTLE.	

\* See note \* on first page of this return.



TABLE 2. LONDON.—Births and Deaths Registered in the TWELFTH Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2670	2534	2575	2437	2729	2496	2650	2483	2707	2213	2682·8	2489
Males - -	1404	1283	1335	1269	1373	1289	1349	1253	1393	1123	1374·8	1249
Females - -	1266	1251	1240	1168	1356	1207	1310	1225	1314	1095	1308·0	1231
<b>TOTAL Deaths</b>	1554	1637	1667	1744	1703	1689	2190	1603	1534	1731	1794·6	2025
Males - -	762	850	879	930	877	849	1099	825	802	873	920·2	961
Females - -	792	787	788	814	831	840	1091	778	732	858	874·4	1044

\* The numbers in this column are the average weekly numbers in the twelfth week of the ten years 1889-98, raised by 5·213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Dec. 31.	Jan. 7.	Jan. 14.	Jan. 21.	Jan. 28.	Feb. 4.	Feb. 11.	Feb. 18.	Feb. 25.	Mar. 4.	Mar. 11.	Mar. 18.	Mar. 25.
<b>TOTAL Births</b> - -	2215	2893	2435	2811	2686	2696	2802	2862	2752	2676	2627	2613	2480
<b>TOTAL Deaths</b> - -	1593	1666	1568	1503	1381	1690	1991	1686	1875	1925	1854	2099	2025
<b>Ages at Death</b>													
Under 1 year - -	339	325	320	289	284	330	430	328	351	395	363	376	370
1-5 years - -	188	175	177	169	168	191	210	201	245	229	266	278	272
5-20 " - -	95	78	87	78	87	78	109	101	104	91	105	106	89
20-40 " - -	188	224	223	220	167	224	252	204	248	249	229	238	230
40-60 " - -	354	390	331	327	298	358	399	321	361	337	375	436	423
60-80 " - -	350	396	346	341	305	417	472	426	433	474	487	518	514
80 years and upwards	79	78	84	79	72	92	119	105	130	100	124	147	127
<b>Deaths from—</b>													
Small pox - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles - -	31	27	27	30	21	22	21	27	32	36	38	35	33
Scarlet Fever - -	12	11	8	8	12	8	7	4	7	7	9	7	4
Diphtheria - -	47	30	34	30	31	32	49	40	29	48	36	45	37
Whooping-cough - -	32	41	37	40	36	50	45	38	55	64	55	73	90
Typhus - -	-	-	-	-	-	1	-	-	1	-	-	-	-
Enteric Fever - -	15	17	10	16	15	10	20	16	13	9	9	7	4
Simple Continued Fever - -	1	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery ..	14	13	11	10	8	10	15	11	10	12	13	8	11
Cholera - -	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>All the above Diseases</b> -	152	139	127	134	123	133	157	136	147	176	160	175	179
<b>Dis. of Respiratory System—</b>													
Phthisis - -	306	365	363	295	266	348	481	413	484	470	529	565	604
Dis. of Circulatory System -	165	163	179	154	144	189	192	154	175	206	201	209	182
Violence - -	167	186	152	153	121	165	194	166	172	183	174	198	181
Inquest Cases - -	93	82	77	74	80	74	69	79	68	76	80	75	56
Deaths in Public Institutions -	209	209	171	142	161	152	178	166	151	182	190	184	163
<b>TEMPERATURE OF THE AIR.</b>													
Mean - -	43·3	42·0	45·0	47·4	38·2	36·5	47·4	45·6	40·7	38·0	40·2	42·5	32·2
Mean of Highest readings - -	48·1	46·9	50·7	51·9	43·2	40·1	51·7	51·7	48·2	47·7	49·4	52·4	40·9
Mean of Lowest readings - -	36·8	36·2	39·8	41·9	33·7	30·6	42·7	39·9	34·0	28·3	31·1	33·8	24·8
<b>Humidity of the Air</b> - -	84	87	83	84	80	83	83	82	81	79	73	87	63
<b>Rain-fall (in inches)</b> - -	0·81	0·24	1·03	1·00	0·08	0·18	1·19	0·72	0·02	0·01	0·07	0·00	0·11
<b>Registered Sunshine (in hours)</b>	14·0	5·6	20·3	3·3	35·8	7·4	10·5	22·0	18·9	34·1	43·7	19·7	31·3
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - -	-	1	1	1	-	-	-	-	2	2	2	1	1
Scarlet Fever - -	2939	2912	2777	2749	2679	2665	2642	2587	2575	2584	2540	2437	2355
Diphtheria - -	1243	1256	1257	1304	1368	1377	1373	1403	1394	1374	1313	1261	1200
Enteric Fever - -	253	254	250	243	249	229	228	231	215	207	193	183	173

\* The Metropolitan Asylum and London Fever Hospitals.

**METEOROLOGICAL OBSERVATIONS.**—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by F. Glaisher, Esq., F.R.S.;—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; J. W. Preston, Esq., F.R.Met.Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst.C.E., and J. Bobbver Esq., M.E., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.



TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWELFTH Week of the Year 1899.

CAUSES OF DEATH		Corrected Averages for the 12th Week 1889-98.	In the Week ending Saturday, 25th March 1899.										Corrected Averages for the 12th Week 1889-98.	In the Week ending Saturday, 25th March 1899.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the death is not certified by a registered practitioner, the case is returned under the heading "no statement," when the evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered in each SUB-DISTRICT during the Week ending Saturday, 25th March, 1899.

The DEATHS registered during the Week include																				
REGISTRATION SUB-DISTRICTS.			Total Births.	Total Deaths.	Deaths of		Deaths from												Deaths in Public Institutions Unidentified Cause of Death.	
Enu-merated Popu-lation, 1896.					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.			
LONDON -			4,411,710	2480	2025	370	641	-	33	4	37	90	-	4	-	11	56	163	532	14
WEST DISTRICTS			778,251	392	370	65	127	-	-	-	3	22	-	2	-	4	11	27	99	3
NORTH DISTRICTS			1,040,694	532	455	75	147	-	12	3	11	24	-	1	-	1	12	36	98	-
CENTRAL DISTRICTS			233,635	141	127	25	38	-	2	-	1	3	-	-	-	-	4	12	41	1
EAST DISTRICTS			716,334	466	356	74	97	-	11	-	2	8	-	1	-	3	11	46	113	-
SOUTH DISTRICTS			1,642,796	949	684	131	216	-	8	1	20	33	-	-	-	3	18	42	148	10
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*			-	-	33	-	16	-	-	-	-	-	-	-	-	-	-	-	33	-
WEST DISTRICTS.																				
St. Mary Paddington } G. & W.			90,996	56	41	9	14	-	-	-	-	1	-	-	-	1	1	2	5	-
WHH																				
St. John Paddington H - - G.			33,510	10	17	1	9	-	-	-	-	-	-	-	-	-	-	-	8	-
Kensington Town Ww - - W.			122,164	54	67	15	32	-	-	-	-	4	-	-	-	1	-	1	25	-
Brompton HH - - W. & C.			48,301	9	11	1	4	-	-	-	-	-	-	-	-	-	1	1	2	-
St. Peter Hammersmith - - W.			9,097	9	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith HH W. & G.			95,102	62	49	9	16	-	-	-	1	3	-	1	-	-	-	5	4	-
Fulham Ww - - W. & C.			113,781	86	56	10	18	-	-	-	1	6	-	-	-	1	5	11	-	-
Chelsea Kensal Town - - C.			21,450	13	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Chelsea North WHHHHH - C.			42,057	19	36	4	7	-	-	-	-	6	-	-	-	-	2	3	13	-
Chelsea South HE - - C.			33,139	14	13	2	3	-	-	-	-	2	-	-	-	-	-	1	1	-
May Fair W - - - G.			23,827	5	8	-	5	-	-	-	-	-	-	-	-	-	1	1	7	-
Belgrave WHHH - - C.			56,140	15	36	7	9	-	-	-	-	-	-	1	-	2	4	6	17	1
St. John Westminster HH - C.			31,492	13	12	2	1	-	-	-	-	-	-	-	-	1	2	1	-	-
St. Margaret Westminster H - C.			22,097	7	4	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1
St. James Westminster } N. & G.			23,050	9	9	3	5	-	-	-	1	-	-	-	-	-	-	-	4	1
WHH																				
St. Anne Soho HHHHHH - N.			12,048	11	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																				
All Souls Marylebone } - - W.			36,595	7	16	2	4	-	-	-	-	1	-	-	-	-	-	3	4	-
HHHHHHHHH																				
Rectory Marylebone W } G. & W.			19,798	6	9	-	6	-	-	-	-	-	-	-	-	-	-	-	2	-
St. Mary Marylebone } G. & W.			19,637	27	6	1	2	-	-	-	-	-	-	-	-	-	-	-	1	-
HHHH																				
Christchurch Marylebone H - W			32,547	9	5	3	-	-	-	-	-	-	-	-	-	-	-	1	-	-
St. John Marylebone HHH W.			32,611	14	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hamstead } - N. & W.			75,449	19	32	4	14	-	3	2	1	-	-	-	-	-	-	2	9	-
WwHHHH																				
Regent's Park Pancras HH - W.			37,341	21	14	3	1	-	-	-	1	2	-	-	-	-	2	2	1	-
Tottenham-court } - N. & W.			26,767	12	13	1	3	-	-	-	-	-	-	-	-	-	1	2	9	-
wHHHH																				
Gray's Inn Lane HHH - - N.			29,426	17	11	2	2	-	-	-	-	4	-	-	-	-	-	-	1	-
Somers Town HH - - N.			32,161	19	14	3	3	-	-	-	-	3	-	-	-	-	-	1	3	-
Camden Town WH - - N.			16,669	10	22	4	12	-	-	-	-	-	-	-	-	1	1	12	-	-
Kentish Town WW - - N.			98,410	56	34	7	8	-	2	1	2	1	-	-	-	1	2	5	-	-
Upper Holloway } - - N.			98,273	46	62	7	31	-	2	-	-	-	-	-	-	1	-	1	32	-
WWWWHH																				
Islington South-west H - - N.			107,365	67	58	6	20	-	2	-	-	6	-	-	-	-	2	7	-	-
Islington South-east - - N.			66,549	32	30	6	8	-	-	-	-	3	-	-	-	-	-	1	3	-
Highbury HH - - N.			64,577	31	26	3	13	-	-	-	-	2	-	-	-	-	1	1	-	-
Stoke Newington H - - N.			33,485	13	5	2	1	-	-	-	-	1	-	-	-	-	-	-	-	-
North Hackney - - E. & N.				16	12	3	2	-	1	-	-	1	-	-	-	-	1	3	-	-
Central Hackney ww - - E. & N.				24	23	6	1	-	1	-	6	-	-	1	-	-	-	2	8	-
South-west Hackney HHH E. & N.			213,044	36	24	5	4	-	1	-	-	-	-	-	-	-	-	1	4	-
South-east Hackney WwH E. & N.				40	32	5	12	-	-	-	1	-	-	-	-	-	2	4	7	-

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein: namely: *W*—Workhouse belonging to the District or Union; *w*—Workhouse belonging wholly or partly to other Districts than that in which it stands; *H*—Hospital; *L*—Lunatic Asylum; *l*—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies, which supply the different Sub-districts:—*G*, signifies Grand Junction Company; *W*, West Middlesex; *C*, Chelsea; *S*, Southwark and Vauxhall; *L*, Lambeth N. New River; *E*, East London; and *K*, the Kent Company.

See note on first page of this Return.



**TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday 25th March, 1899—continued.**

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation 1896.	Total BIRTHS.	Total DEATHS.	The DEATHS registered during the Week include														Deaths in Public Institution	Un- certified Causes of Death.
				Deaths of		Deaths from													
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Largest Cases.			
CENTRAL DISTRICTS.																			
George Bloomsbury - - N.	16,110	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mile End South WH - - N.	12,976	20	7	-	2	-	-	-	-	-	-	-	-	-	-	-	2	1	-
Mile End North H - - N.	3,151	5	6	1	3	-	-	-	-	-	-	-	-	-	-	-	-	3	-
Martin-in-the-Fields HHN. & C.	13,077	2	8	-	4	-	-	-	-	-	-	-	-	-	-	-	-	3	-
Mile End WHH - - N.	11,839	1	12	-	3	-	-	-	-	-	-	-	-	-	-	-	1	4	-
Mile End Union Workhouse, Edmonton	†1,037	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	1	2	-
Mile End W HHHHHHH - - N.	31,042	14	16	6	1	-	1	-	-	-	1	-	-	-	-	-	-	9	-
James Clerkenwell - - N.	15,777	7	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Well Clerkenwell - - N.	34,356	24	11	4	2	-	-	-	-	-	1	-	-	-	-	-	1	-	-
Well-street - - N.	16,069	16	9	4	4	-	-	-	-	-	-	-	-	-	-	-	1	1	1
Well-road HHHH - - N.	29,697	31	12	3	-	-	1	-	-	-	-	-	-	-	-	-	-	4	-
Well-cross-street - - N.	7,595	3	4	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Mile End W - - N.	4,035	3	6	1	3	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Mile End Union Workhouse, } Mile End H - - N.	†892	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	3	-
Mile End H - - N. & E.	6,870	3	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mile End H - - N.	3,299	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mile End WH - - N.	9,591	2	18	1	7	-	-	-	-	1	-	-	-	-	-	-	5	11	-
Mile End H - - N.	9,059	2	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mile End H - - N.	2,892	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mile End of London Asylum, Stone - -	†388	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
EAST DISTRICTS.																			
Mile End South H - - E. & N.	17,975	7	7	-	1	-	-	-	-	-	-	-	-	-	-	-	1	2	-
Mile End New Town W - - N.	29,575	19	21	4	7	-	-	-	-	-	-	-	-	-	-	-	5	9	-
Mile End Old Town - - N.	27,645	16	8	1	2	-	-	-	-	-	1	-	-	-	-	-	2	1	-
Mile End W - - N. & E.	47,163	26	32	4	15	-	2	-	-	1	-	-	-	-	1	-	-	15	-
Mile End Green North H - - E.	49,301	47	21	6	5	-	1	-	-	-	-	-	1	-	1	-	1	1	-
Mile End Green South - - E.	34,194	39	15	2	1	-	3	-	-	-	-	-	-	-	-	2	2	7	-
Mile End Green East WH - - E.	45,667	27	12	3	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mile End H - - E. & N.	26,681	10	4	-	-	-	-	-	-	1	-	-	-	-	-	-	2	-	-
Mile End New Town* WH - - E.	51,995	14	46	9	6	-	-	-	-	1	1	-	-	-	-	-	5	34	-
Mile End Goodman's Fields* - - E.		8	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mile End North - - E.	39,576	24	9	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mile End St. George East W - - E.	7,930	10	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-	4	-
Mile End H - - E. & N.	10,434	5	7	1	1	-	-	-	-	1	-	-	-	-	1	1	2	4	-
Mile End W - - E.	14,954	8	5	1	1	-	-	-	-	1	-	-	-	-	-	1	1	-	-
Mile End H - - E.	32,917	19	8	2	1	-	-	-	-	-	1	-	-	-	-	-	1	-	-
Mile End Old Town West H - - E.	111,060	43	25	9	6	-	2	-	-	-	1	-	-	-	-	1	3	1	-
Mile End Old Town East W - - E.		31	33	8	9	-	-	-	-	-	-	-	-	-	-	-	4	12	-
Mile End W - - E.	41,687	36	14	5	3	-	-	-	-	1	-	-	-	-	-	1	3	-	-
Mile End WWH - - E.	69,821	47	57	6	22	-	2	-	-	-	-	-	-	-	-	1	7	23	-
Mile End WW - - E.	57,759	30	23	9	7	-	1	-	-	-	-	-	-	-	-	2	4	1	-

† Population in 1891, not included in the total population of the Central Districts or of London.

Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.



		The DEATHS registered during the Week include																	
REGISTRATION SUB-DISTRICTS	Enu- merated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions	Un- certified	Cause of
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.				
<b>SOUTH DISTRICTS.</b>																			
Christchurch Southwark WHL.&S.	13,064	3	6	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Saviour Southwark - - S.	12,301	12	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kent-road - - S. & L.	22,879	17	9	2	1	-	-	-	-	-	-	-	-	-	1	2	-	-	
Borough-road WH - - S. & L.	16,083	10	12	1	1	-	-	-	-	-	2	-	-	-	-	-	-	-	
London-road HL - - L. & S.	21,316	17	6	2	3	-	-	-	-	-	-	-	-	-	1	1	1	8	
Trinity Newington - - S. & L.	28,723	13	9	1	2	-	-	-	-	1	1	-	-	-	-	-	-	-	
St. Peter Walworth W - - S. & L.	62,045	36	26	4	8	-	-	-	-	-	3	-	-	-	1	-	-	1	
St. Mary Newington- - L. & S.	30,171	22	9	2	4	-	-	-	-	1	1	-	-	-	-	-	-	-	
St. Olave WH - - - S.	11,731	8	15	3	1	-	-	-	-	-	-	-	-	-	-	5	6	11	
Bermondsey W - - S.	85,475	53	25	3	6	-	1	-	-	1	-	-	-	-	1	1	4	9	
Rotherhithe WWH - - S. & K.	40,379	30	17	2	8	-	-	-	-	-	-	-	-	-	-	-	-	-	
Waterloo-road HH - - L. & S.	28,396	23	16	4	4	-	-	-	-	-	-	-	-	-	-	-	1	1	
Lambeth Church 1st H - - L. & S.	18,770	7	17	2	3	-	-	-	-	-	-	-	-	-	-	2	10	17	
Lambeth Church 2nd WW - - L. & S.	40,994	23	22	1	10	-	-	-	-	-	-	-	-	-	-	2	1	1	
Kennington 1st H - - S. & L.	52,486	44	31	10	7	-	-	-	-	2	4	-	-	-	-	2	2	1	
Kennington 2nd - - S. & L.	43,244	16	12	1	6	-	-	-	-	-	1	-	-	-	-	2	2	2	
Brixton w - - L. & S.	81,825	29	34	8	8	-	1	-	-	1	2	-	-	-	1	2	2	1	
Norwood WH - - - L.	29,318	15	9	3	4	-	-	-	-	-	-	-	-	-	-	2	1	-	
East Battersea - - - S.	71,730	49	34	13	5	-	-	-	-	3	4	-	-	-	-	1	-	-	
West Battersea WWH - - S.	93,385	45	42	9	16	-	-	-	-	-	2	-	-	-	-	1	15	-	
Clapham H - - S.	46,953	18	17	7	2	-	-	-	-	-	-	-	-	-	-	1	1	-	
Wandsworth WHHL - - S.	58,101	41	21	6	3	-	-	-	-	-	1	-	-	-	1	2	2	-	
Putney - - S.	20,566	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Streatham WwwwL - - L.	61,644	36	31	2	12	-	-	-	1	4	3	-	-	-	-	-	8	-	
Dulwich - - - L. & S.	7,519	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Camberwell Wwl - - S. & L.	90,286	53	51	8	23	-	-	-	-	-	1	-	-	-	1	2	28	-	
Peckham WW - - S., L., & K.	88,242	55	26	3	10	-	1	-	-	-	-	-	-	-	-	2	1	-	
St. George Camberwell - - L. & S.	67,029	32	18	3	5	-	-	-	-	-	1	-	-	-	-	-	-	-	
Deptford North - - - K.	36,152	20	21	5	1	-	2	-	-	3	4	-	-	-	-	1	2	-	
Deptford Central w - - K.	45,441	35	16	3	4	-	-												

[illegible]

TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 25th March, 1899.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													
						Deaths of Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Deaths from											
								Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes of Death.	
	LONDON—OUTER RING	363,749	1,422,063	1031	612	144	197	-	26	1	16	20	1	3	16	43	56	13	
30: 1	Carshalton WHH	12,228	26,108	19	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
2	Epsom, part of* WWH	10,423	12,508	13	6	2	1	-	-	-	-	-	-	-	-	-	2	-	
37: 1	Godstone, part of* W	2,754	1,598	1	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
38: 1	Croydon WWHH	20,851	128,699	68	54	10	24	-	-	-	-	1	1	-	4	7	6	-	
2	Mitcham W	11,697	23,072	7	8	1	2	-	-	-	1	-	-	-	-	-	-	-	
39: 1	Wimbledon HHH	3,220	25,777	24	19	5	5	-	-	-	-	3	-	-	1	5	-	-	
2	Kingston WH	-	33,566	14	9	1	4	-	-	-	-	-	-	-	-	1	1	-	
3	Surbiton H	14,672	12,178	4	7	1	5	-	-	-	-	-	-	-	-	-	-	-	
4	Esher, part of* HH	-	11,080	8	3	3	-	-	-	-	-	-	-	-	-	-	-	-	
5	Hampton HL	4,565	18,252	12	6	1	4	-	-	-	-	-	-	-	-	2	-	-	
40: 1	Richmond WH	2,160	25,389	12	16	-	9	-	-	-	-	-	-	-	-	1	3	-	
2	Mortlake H	2,823	16,159	8	5	1	1	-	-	-	-	-	-	-	-	-	1	-	
41: 1	Bromley HHH	9,127	23,815	13	4	1	-	-	-	-	1	-	-	-	-	-	1	-	
2	Beckenham H	6,542	21,969	9	6	2	3	-	-	-	1	1	-	-	-	-	-	-	
3	Chislehurst, part of* WHH	14,307	20,372	9	9	3	3	-	-	-	-	-	-	-	-	-	2	-	
42: 1	Bexley HHH	12,540	30,590	24	11	4	3	-	-	-	-	-	-	-	-	-	1	1	
2	Dartford WH, part of*	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	1	-	
124: 1	Sunbury "	11,054	13,671	7	4	1	2	-	-	-	-	-	-	-	-	-	-	1	
2	Staines WH	13,277	13,221	6	11	-	5	-	-	-	-	1	-	-	-	-	5	-	
125: 1	Hillingdon WHH	6,035	12,237	9	5	-	4	-	-	-	1	-	-	-	-	-	2	-	
2	Uxbridge	12,757	7,253	4	3	-	2	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes WH	7,952	11,051	9	5	-	5	-	-	-	-	-	-	-	-	-	-	1	
126: 1	Isleworth WHH	6,967	26,004	8	7	-	3	-	-	-	-	-	-	-	-	-	2	-	
2	Twickenham HH	2,415	16,027	9	11	1	6	-	-	-	1	-	-	-	-	-	-	-	
3	Brentford HHHH	4,318	37,777	20	12	-	7	-	-	-	-	-	-	-	-	-	-	-	
4	Chiswick	1,245	21,963	15	11	1	6	-	-	-	-	-	-	-	-	-	-	2	
5	Acton WHH	6,132	30,945	37	20	9	7	-	-	-	-	3	-	-	1	-	-	1	
127: 1	Harrow HHH	13,809	15,715	14	4	1	2	-	-	-	-	-	-	-	-	-	-	1	
2	Edgware HH	6,994	3,844	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden HHH	4,383	61,265	64	29	5	7	-	1	-	2	-	-	-	1	1	-	2	
4	Hendon WH	8,382	15,843	13	6	2	1	-	-	-	-	-	-	-	-	-	1	-	
128: 1	South Mimms HH	-	6,367	3	4	1	1	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet WHH	21,077	14,152	7	2	-	2	-	-	-	-	-	-	-	-	-	-	-	
3	Finchley HHH	4,688	25,820	12	7	2	2	-	-	-	-	-	-	-	-	1	-	-	
129: 1	Hornsey HH	3,039	61,097	36	14	2	4	-	-	-	-	1	-	-	-	-	1	-	
2	Tottenham HH	4,642	97,174	57	47	15	12	-	6	-	1	1	-	-	1	1	-	-	
3	Edmonton WWH	7,489	36,351	38	13	3	3	-	-	-	1	-	-	-	-	1	-	1	
4	Enfield WWHH	12,602	31,536	21	14	2	6	-	2	-	1	-	-	-	-	-	-	-	
5	Waltham Abbey	11,017	6,066	4	2	1	1	-	-	-	-	-	-	-	-	1	-	1	
6	Cheshunt H	8,480	9,620	10	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
135: 1	Hatfield, part of* W	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
137: 1	Bushey H	9,331	7,737	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
2	Watford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
136: 1	Stratford H	-	38,612	32	14	5	4	-	-	-	-	-	-	-	-	3	3	1	
2	Plaistow WHHH	-	58,030	73	30	11	5	-	6	-	1	1	-	-	1	1	2	3	
3	Canning Town H	4,706	54,750	48	38	14	3	-	6	-	1	3	-	-	1	2	3	1	
4	Forest Gate W	-	53,511	36	9	3	1	-	-	-	-	-	-	-	-	1	-	-	
5	East Ham WWH	3,266	32,713	62	13	4	2	-	-	-	2	-	-	-	-	1	3	1	
6	Leyton WWHH	4,334	70,188	41	42	8	11	-	3	-	-	1	-	-	1	-	3	12	
7	Walthamstow HHL	6,501	57,530	59	30	12	2	-	2	-	2	1	-	-	-	-	3	-	
137: 1	Chigwell, part of* HHHH	11,779	12,941	3	8	3	3	-	-	-	-	1	-	-	1	1	-	-	
2	Epping WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
139: 1	Romford, part of* WH	6,556	4,324	5	1	-	1	-	-	-	-	-	-	-	-	1	-	-	
2	Ilford	8,493	10,913	11	7	-	4	-	-	-	-	1	-	-	-	-	-	-	
3	Barking Town, H	3,314	14,301	10	9	1	3	-	-	-	-	-	-	-	-	1	-	-	
	Middlesex Co. Lunatic Asy..	-	-	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	
	Wandsworth.	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	2	-	
	N. E. Fever Hospital, Tottenham.	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Homerton Fever Hospital, Hackney.	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Waringham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chislefield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 139: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for (pop. 1,079); 139: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for (pop. 1,079). Deaths belonging to the Outer Ring in 12: 2, Dartford; 137: 2, Watford; and 137: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 25th March, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.	Deaths in Public Institutions.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
GREATER LONDON	443,421	6,528,434	21.1	2.0	2637	514	838	-	59	5	53	110	5	14	72	588		
INNER LONDON -	74,672	4,546,752	23.2	2.1	2025	370	641	-	33	4	37	90	4	11	56	532		
OUTER RING -	368,749	1,981,682	16.1	1.8	612	144	197	-	26	1	16	20	1	3	16	56		

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria	Whooping-cough.	Fever.	Diarrhoeal Diseases	
EDINBURGH -	298,927	March 25	145	119	20.8	-	6	1	1	4	1	1	
GLASGOW -	733,903	" 25	435	334	23.7	-	7	2	1	9	2	3	
DUBLIN -	349,594	" 25	158	214	31.9	-	-	-	1	2	4	-	
CALCUTTA -	466,460	January 28	-	-	-	-	-	-	-	-	-	-	
BOMBAY -	821,764	March 7	211	2384	150.9	7	115	?	?	?	1259†	113‡	
MADRAS -	452,518	February 10	258	325	37.3	-	8	?	?	?	42	83	
PARIS -	2,511,629	March 18	1175	1295	26.8	1	20	4	14*	17	17	29	
BRUSSELS -	551,011	" 18	250	294	27.9	-	12	-	2*	1	2	15	
AMSTERDAM -	512,758	" 11	281	166	16.8	-	1	-	1	2	1	-	
ROTTERDAM -	306,439	" 11	225	127	21.2	-	-	-	2	5	2	-	
THE HAGUE -	196,325	" 11	123	73	19.1	-	3	-	1	2	-	-	
COPENHAGEN -	345,000	" 18	158	155	23.4	-	5	3	2	1	-	4	
STOCKHOLM -	283,550	" 11	132	110	20.2	-	2	-	6*	-	-	2	
CHRISTIANIA -	273,337	" 18	150	58	14.8	-	-	-	-	-	-	-	
ST. PETERSBURG	1,132,677	" 11	1017	581	26.7	-	9	4	10	9	24	35	
MOSCOW -	988,610	" 11	-	532	28.1	2	11	10	14	1	7	39	
BERLIN -	1,805,054	" 4	976	638	18.3	-	5	15	15	13	2	17	
HAMBURG -	875,351	" 18	-	244	18.8	-	-	-	1*	6	-	7	
DRESDEN -	388,300	January 21	269	150	20.1	-	-	1	3*	3	-	8	
BRESLAU -	406,012	March 18	-	194	24.9	-	-	3	-	2	-	17	
MUNICH -	445,000	" 18	-	218	25.5	-	-	-	3*	2	-	20	
VIENNA -	1,606,629	" 18	900	681	22.0	-	17	1	17*	1	1	36	
PRAGUE -	380,497	" 4	180	234	32.0	-	6	3	3	-	2	3	
BUDA-PESTH -	666,722	" 11	511	371	26.9	-	13	3	3	-	3	11	
TRIESTE -	165,913	" 4	111	96	30.1	-	-	1	3*	1	1	-	
ROME -	500,610	" 4	270	230	24.0	-	-	-	1	6	3	4	
TURIN (10 days)	344,203	February 10	194	193	20.5	-	-	-	-	5	3	9	
VENICE -	169,883	March 11	79	98	30.1	-	4	-	2*	2	-	6	
CAIRO -	570,062	-	-	-	-	-	-	-	-	-	-	-	
ALEXANDRIA -	319,766	-	-	-	-	-	-	-	-	-	-	-	
NEW YORK (including BROOKLYN)	3,550,053	March 4	1656	1291	19.0	1	11	13	27	11	3	11	
PHILADELPHIA -	1,266,832	" 4	-	566	23.3	-	-	2	17	3	49	2	

\* Including deaths from croup.

† Including 1068 deaths from plague.

‡ Including 3 deaths from cholera.



1899.		MONTH AND DAY	TEMPERATURE.										TEMPERATURE.					Wind as deduced from Anemometers.					Rain collected in a glass whose receiving surface is 5 inches square above the ground.	Ozone.
			BAROMETER.		TEMPERATURE.				Difference between the Air and Dew Point Temperature.				Degree of Humidity (Saturation equals 100).	Of Radiation.		Of the Earth 3 feet below the Surface.	Oiler's.		Pressure on the Square Foot.		Robinson's.			
					Of the Air.		Low-est Range.	Mean daily value.	De- parture from Average of 50 years.															
					High-est.	Mean daily value.				Great-est.	Least.													
Phases of the Moon.	in.	First Quarter.	29.829	41.6	28.7	12.9	34.5	- 7.0	25.1	68	94.0	24.1	43.41	N. & NNW.	N. & NNW.	2.5	0.0	0.2	235	Miles.	in.			
..	29.612	..	41.0	27.6	13.4	32.2	- 9.2	23.7	70	89.7	21.1	43.01	NNW.	..	..	4.7	0.0	0.3	304	- 6	0.00			
Apogee	29.554	..	37.8	20.3	17.5	29.0	- 12.4	23.0	77	78.3	11.0	42.61	N. S. & NNW.	..	..	1.6	0.0	0.0	202	- 107	0.04			
..	29.516	..	40.7	24.0	16.7	31.5	- 10.0	17.8	55	76.7	19.1	42.07	N. S. & NNW.	..	..	7.2	0.0	0.3	341	+ 34	0.00			
..	29.636	..	37.3	23.1	14.2	29.5	- 12.3	19.8	66	65.7	18.9	41.52	N. S. & NNW.	..	..	4.3	0.0	0.2	326	+ 22	0.00			
..	29.922	..	40.3	25.2	15.6	31.5	- 10.6	23.1	70	89.2	18.8	41.00	N. S. & NNW.	..	..	5.7	0.0	0.3	293	- 9	0.01			
In Equator	29.994	In Equator	47.0	24.5	22.5	36.9	- 5.5	29.1	73	90.5	18.5	40.60	N. S. & SSW.	..	..	8.1	0.0	0.8	455	+ 154	0.05			
MEANS	29.723	-	40.3	24.3	16.1	32.2	- 9.6	13.1	68	85.0	18.8	42.03	N. & SW.	..	..	..	..	..	Sum 2216	Sum + 72	Sum 0.11			
No. of Column	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

GENERAL REMARKS.		
DATE.	Electricity.	Registered (Sun above)
MARCH.	(For explanation of symbols, see Note.)	Sunshine in hours.
SUNDAY - 19	w. P. throughout - w. P. till 7h. A.M.; s. P. till noon; v. P. and v. N. till 5h. P.M.; m. P. afterwards.	61
MONDAY - 20	w. P. till noon; v. P. and v. N. till 5h. P.M.; m. P. afterwards.	60
TUESDAY - 21	Fine; generally cloudy. Snow in afternoon.	21
WEDNESDAY - 22	Fine; partially cloudy. Slight snow at 7h. P.M.	50
THURSDAY - 23	Fine with hoar frost in morning; cloudy with frequent snow till afternoon; very fine afterwards.	24
FRIDAY - 24	Very fine generally; frequent snow showers in afternoon. Hoar frost in morning and at night.	62
SATURDAY - 25	Very fine till noon with hoar frost in early morning; generally overcast afterwards with frequent rain after 2h. P.M. Brisk wind at night.	35
No. of Col.		Sum 313

The results apply to the civil day, or from midnight to midnight. The height of the eastern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level. Observations are usually taken at 9h. A.M.; noon; 3h. P.M. and 9h. P.M. The means of the eye-readings of the barometer the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometer records for the 16 years ending 1875. In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average. The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined. The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable. The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day. The reading of the barometer decreased from 30.00 in. at the beginning of the week to 29.57 in. by 3h. P.M. on the 20th; increased to 29.98 in. by 1h. P.M. on the same day; decreased to 29.48 in. by 9h. P.M. on the 21st; increased to 30.08 in. by 7h. A.M. on the 25th; and decreased to 29.85 in. by the end of the week.

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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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*General Register Office, Somerset House,  
April 4th, 1899.*

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 23·1 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Mar. 11.	Mar. 18.	Mar. 25.	Apr. 1.		Mar. 11.	Mar. 18.	Mar. 25.	Apr. 1.
33 Great Towns	22·2	23·3	23·1	23·1	Leicester	21·0	16·6	19·8	18·8
Birkenhead	22·2	24·9	23·1	24·9	Liverpool	28·0	28·8	26·1	28·6
Birmingham	17·4	20·9	22·1	28·8	London	22·4	24·1	23·2	22·0
Blackburn	21·2	26·2	25·1	26·6	Manchester	27·8	31·7	33·4	31·8
Bolton	22·2	27·3	22·5	23·8	Newcastle-on-Tyne	23·9	19·8	19·4	22·6
Bradford	21·9	20·1	21·6	21·4	Norwich	22·1	20·3	20·7	23·9
Brighton	20·7	18·2	21·2	21·2	Nottingham	17·6	21·6	20·5	22·7
Bristol	20·5	17·9	18·0	21·3	Oldham	29·7	28·0	32·9	30·4
Burnley	19·4	20·3	24·0	24·4	Plymouth	21·2	21·8	27·5	23·3
Cardiff	13·5	16·8	13·2	13·2	Portsmouth	18·0	16·4	20·8	21·3
Croydon	16·3	17·1	19·6	17·1	Preston	29·7	27·9	19·9	21·7
Derby	19·1	12·7	22·5	19·1	Salford	26·0	31·5	28·0	22·9
Gateshead	13·7	18·6	19·6	20·1	Sheffield	27·1	24·8	23·8	25·3
Halifax	30·4	25·6	22·4	26·7	Sunderland	18·3	20·4	21·1	23·3
Huddersfield	18·6	24·7	16·1	20·2	Swansea	16·6	18·6	23·1	21·6
Hull	19·1	16·5	19·4	20·3	West Ham	19·8	18·8	17·4	17·5
Leeds	20·5	23·6	25·0	22·1	Wolverhampton	17·6	21·7	29·4	19·4

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 2·3 in Bolton, and 2·4 in Manchester; from *whooping-cough*, 1·0 in Bristol, 1·3 in Hull, 1·6 in Plymouth, 2·3 in Birkenhead, and 2·8 in Burnley. In none of the thirty-three towns did the death-rate from *scarlet fever*, from "*fever*," or from *diarrhœa* reach 1·0 per 1000. The 68 deaths from *diphtheria* included 31 in London, 10 in Swansea, 4 in Sheffield, 3 in Birmingham, and 3 in Liverpool. No death from *small-pox* was registered in any of the thirty-three towns.

#### LONDON.

In LONDON† 2609 BIRTHS and 1922 DEATHS were registered. Allowing for increase of population, the births were 154 below, and the deaths 158 above, the average numbers in the corresponding weeks of the last ten

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.  
† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong



years. The annual death-rate per 1000 from all causes, which had been 22·4, 24·1, and 23·2 in the preceding three weeks, further fell last week to 22·0. During the four weeks ending on Saturday last the death-rate averaged 22·9 per 1000, being 1·4 per 1000 above the mean rate in the corresponding periods of the ten years 1889-98.

The 1922 deaths included 37 from measles, 4 from scarlet fever, 31 from diphtheria, 57 from whooping-cough, 9 from enteric fever, 1 from an ill-defined form of continued fever, 7 from diarrhoea and dysentery, and not one death from small-pox, from typhus, or from cholera; thus, 146 deaths were referred to these diseases, being 70 below the corrected average weekly number.

The deaths from *measles*, which had been 38, 35, and 33 in the preceding three weeks, rose again last week to 37, but were 34 below the corrected average; 8 cases belonged to Hackney sanitary area. The deaths from *scarlet fever*, which had been 9, 7, and 4 in the preceding three weeks, were again 4 last week, the corrected average being 17. The deaths from *diphtheria*, which had been 36, 45, and 37 in the preceding three weeks, further fell last week to 31, and were 6 below the corrected average; 6 cases belonged to Lambeth, 4 to Hackney, and 3 to Fulham sanitary areas. The deaths from *whooping-cough*, which had been 55, 73, and 90 in the preceding three weeks, fell again last week to 57, and were 14 below the corrected average; 10 cases belonged to St. Pancras, and 7 to Camberwell sanitary areas. The fatal cases of *enteric fever*, which had been 9, 7, and 4 in the preceding three weeks, rose again last week to 9, the corrected average being 8; 4 cases belonged to the Eastern group of sanitary areas. The deaths from *diarrhoea*, which had been 13, 8, and 11 in the preceding three weeks, fell again last week to 7, and were 4 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 529, 565, and 604 in the preceding three weeks, fell again last week to 505, but were 94 above the corrected average. The deaths attributed directly to *influenza* numbered 102, having been 100, 125, and 108 in the preceding three weeks.

Different forms of violence caused 63 deaths, concerning all but 1 of which inquests were held. Of these 63 deaths, 7 were cases of suicide, and 1 of execution, while the remaining 55 were attributed to accident or negligence. Four of these were referred to vehicles in the streets, 1 to a conflagration, 11 others to burns and scalds, and 12 (including 11 of infants under one year of age) to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2312 cases of scarlet fever, 1175 of diphtheria, 148 of enteric fever, and 4 of typhus, under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 167 cases, against 217, 224, and 177; of diphtheria, 121 cases, against 133, 133, and 110; and of enteric fever, 13 cases, against 14, 26, and 15.

#### GREATER LONDON.

In Greater London 3578 births and 2533 deaths were registered, corresponding to annual rates of 28·6 and 20·2 per 1000 of the estimated population. In the Outer Ring 13 deaths from measles, 1 from scarlet fever, 10 from diphtheria, 22 from whooping-cough, 4 from "fever," and 2 from diarrhoea were registered. Five deaths from measles, 3 from diphtheria, and 9 from whooping-cough occurred in West Ham district; 5 deaths from measles and 4 from whooping-cough occurred in Edmonton district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·903 inches, and that of the Thermometer 50°·1; the latter being 5°·9 above the week's average in the 50 years 1841-90. The direction of the wind was south-westerly, the horizontal movement of the air being 46 per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 19·5 hours; the measured rainfall amounted to 0·37 inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Small-pox, Scarlet Fever, Diphtheria, Enteric Fever, or Typhus respectively; but in a considerable proportion of cases the diagnosis found after sojourn in the Hospital to have been erroneous.

CITIES AND BOROUGH.	POPULATION estimated to the middle of the Year 1899.*	Registered during the Week ending 1st April 1899.		The DEATHS registered in the Week include										TEMPERATURE OF THE AIR.										RAINFALL.		CITIES AND BOROUGH.
		BIRTHS.	DEATHS.	Deaths of		Deaths from										Mean.					In Inches.	In Centi- metres.				
				1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes of Death.	From All Causes.	From Diseases in Cols. 6-13.	Highest.	Lowest.			Fahrenheit.	Centigrade.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.	
33 TOWNS	11,404,408	6570	5050	1052	1530	-	108	20	68	132	35	38	168	375	1023	51	231	18	65.8	31.8	47.6	8.67	0.54	1.37	33 TOWNS.	
LONDON	-	-	-	377	639	-	37	4	31	57	10	7	63	155	503	11	220	17	64.1	38.0	50.1	10.06	0.37	0.94	LONDON.	
WEST HAM	-	-	-	29	27	-	5	-	2	4	1	2	5	7	7	4	17.5	2.4	-	-	-	-	-	-	WEST HAM.	
CROYDON	-	-	-	5	16	-	-	-	1	1	-	-	-	1	6	9	17.1	0.8	65.8	37.0	49.6	9.78	0.37	0.94	CROYDON.	
BRIGHTON	-	-	-	10	22	-	-	-	1	1	-	1	1	3	4	9	21.2	0.8	53.8	39.6	47.3	8.50	0.15	0.38	BRIGHTON.	
PORTSMOUTH	-	-	-	12	28	-	2	1	1	1	-	-	3	5	6	1	21.3	1.6	-	-	-	-	-	-	PORTSMOUTH.	
PLYMOUTH	-	-	-	8	14	-	-	-	1	3	-	-	3	5	6	1	23.3	1.6	-	-	-	-	-	-	PLYMOUTH.	
BRISTOL	-	-	-	26	47	-	2	-	1	6	-	2	6	14	23	1	21.3	1.8	58.0	39.0	48.7	9.23	0.53	1.47	BRISTOL.	
CARDIFF	-	-	-	8	7	-	-	-	10	-	1	-	5	6	3	1	13.2	0.3	-	-	-	-	-	-	CARDIFF.	
SWANSEA	-	-	-	5	9	-	-	-	-	-	-	-	1	4	3	-	21.6	5.5	-	-	-	-	-	-	SWANSEA.	
WOLVERHAMPTON	-	-	-	5	10	-	-	-	-	-	1	-	1	4	2	-	19.4	0.6	59.4	35.2	47.1	8.39	0.28	0.71	WOLVERHAMPTON.	
BIRMINGHAM	-	-	-	66	86	-	3	3	3	4	2	2	8	20	50	5	28.8	1.7	-	-	46.9	8.28	0.78	1.98	BIRMINGHAM.	
NORWICH	-	-	-	15	14	-	1	-	2	1	-	-	-	4	7	-	23.9	1.8	61.0	33.6	-	-	-	-	NORWICH.	
LEICESTER	-	-	-	17	23	-	-	-	2	1	-	2	1	4	13	1	18.8	1.2	-	-	-	-	-	-	LEICESTER.	
NOTTINGHAM	-	-	-	27	30	-	3	-	1	3	1	1	1	3	18	-	22.7	2.0	57.8	35.9	47.0	8.33	0.57	1.45	NOTTINGHAM.	
DERBY	-	-	-	7	12	-	-	1	-	1	-	-	2	4	11	-	19.1	1.0	-	-	-	-	-	-	DERBY.	
BIRKENHEAD	-	-	-	14	16	-	1	-	-	5	2	-	-	-	4	7	24.9	3.6	-	-	-	-	-	-	BIRKENHEAD.	
LIVERPOOL	-	-	-	59	90	-	3	4	3	5	8	3	21	30	97	10	28.6	2.1	55.0	40.2	48.5	9.17	0.35	0.89	LIVERPOOL.	
BOLTON	-	-	-	16	21	-	7	-	-	1	-	-	3	8	13	-	23.8	2.6	-	-	-	-	-	-	BOLTON.	
MANCHESTER	-	-	-	32	71	-	25	-	1	7	1	5	11	17	66	1	31.8	3.7	-	-	-	-	-	-	MANCHESTER.	
SALFORD	-	-	-	20	29	-	2	2	2	2	1	2	2	15	14	1	22.9	2.2	-	-	-	-	-	-	SALFORD.	
OLDHAM	-	-	-	8	15	-	2	1	1	1	-	2	2	6	10	-	30.4	2.8	-	-	-	-	-	-	OLDHAM.	
BURNLEY	-	-	-	11	16	-	1	-	-	6	-	-	1	4	3	-	24.4	3.2	-	-	-	-	-	-	BURNLEY.	
BLACKBURN	-	-	-	20	15	-	1	-	-	2	1	-	3	5	6	-	26.6	1.5	-	-	-	-	-	-	BLACKBURN.	
PRESTON	-	-	-	9	17	-	-	-	-	2	1	2	2	3	6	-	21.7	2.2	-	-	-	-	-	-	PRESTON.	
HUDDESFIELD	-	-	-	7	17	-	-	-	-	1	-	-	1	1	2	-	20.2	0.5	56.0	37.3	46.8	8.22	0.85	2.16	HUDDESFIELD.	
HALIFAX	-	-	-	10	16	-	-	-	-	1	-	-	2	2	8	4	26.7	0.5	-	-	-	-	-	-	HALIFAX.	
BRADFORD	-	-	-	24	32	-	-	-	1	3	2	-	-	5	8	2	21.4	1.3	56.2	31.8	46.1	7.83	1.28	3.25	BRADFORD.	
LEEDS	-	-	-	37	56	-	7	2	1	4	-	2	-	2	9	27	22.1	1.5	-	-	-	-	-	-	LEEDS.	
SHEFFIELD	-	-	-	48	45	-	-	1	1	4	2	-	6	7	36	3	25.3	1.6	-	-	-	-	-	-	SHEFFIELD.	
HULL	-	-	-	24	23	-	-	1	1	6	-	1	5	7	8	3	20.3	2.0	58.0	35.0	46.0	7.78	0.40	1.02	HULL.	
SUNDERLAND	-	-	-	17	17	-	-	-	-	2	-	-	-	1	14	2	23.3	1.4	-	-	-	-	-	-	SUNDERLAND.	
GATESHEAD	-	-	-	12	10	-	-	-	-	-	-	-	2	2	7	-	20.1	0.5	-	-	-	-	-	-	GATESHEAD.	
NEWCASTLE	-	-	-	29	19	-	1	-	-	2	-	3	2	6	12	-	22.6	1.8	-	-	-	-	-	-	NEWCASTLE.	

\* See note \* on first page of this return.



TABLE 2. LONDON.—Births and Deaths Registered in the THIRTEENTH Week of each of the Eleven Years, 1889–99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889–98.*	1899
<b>TOTAL Births</b>	2808	2543	2781	2498	2553	2437	2466	2780	2533	2860	2762·8	2609
Males - -	1403	1332	1457	1259	1276	1244	1227	1401	1320	1453	1407·4	1338
Females - -	1405	1211	1324	1239	1277	1193	1239	1379	1213	1402	1355·4	1271
<b>TOTAL Deaths</b>	1476	1571	1799	1753	1732	1736	1781	1526	1505	1833	1763·6	1922
Males - -	731	810	944	900	918	863	927	773	773	943	904·5	936
Females - -	745	761	855	853	814	873	854	743	727	935	859·1	986

\*The numbers in this column are the average weekly numbers in the thirteenth week of the ten years 1889–98, raised by 5·213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Jan. 7.	Jan. 14.	Jan. 21.	Jan. 28.	Feb. 4.	Feb. 11.	Feb. 18.	Feb. 25.	Mar. 4.	Mar. 11.	Mar. 18.	Mar. 25.	Apr. 1.
<b>TOTAL Births</b> - -	2893	2435	2811	2686	2696	2802	2862	2752	2676	2637	2613	2480	2609
<b>TOTAL Deaths</b> - -	1666	1568	1503	1381	1690	1991	1636	1875	1925	1954	2099	2025	1922
Ages at Death	Under 1 year - -	325	320	289	284	330	430	328	351	395	368	376	370
	1–5 years - -	175	177	169	168	191	210	201	245	229	266	278	272
	5–20 „ - -	78	87	78	87	78	109	101	104	91	105	106	89
	20–40 „ - -	224	223	220	167	224	252	204	248	249	229	238	230
	40–60 „ - -	390	331	327	298	358	399	321	364	337	375	436	423
	60–90 „ - -	396	346	341	305	417	472	436	433	474	487	518	494
	80 years and upwards	78	84	79	72	92	119	105	130	124	147	127	145
<b>Deaths from—</b>													
Small pox - - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles - - -	27	27	30	21	22	21	27	32	36	38	35	33	37
Scarlet Fever - -	11	8	8	12	8	7	4	7	7	9	7	4	4
Diphtheria - - -	30	34	30	31	32	49	40	29	43	36	45	37	31
Whooping-cough -	41	37	40	36	50	45	38	55	64	55	73	90	57
Typhus - - -	-	-	-	-	1	-	-	1	-	-	-	-	-
Enteric Fever - -	17	10	16	15	10	20	16	13	9	9	7	4	9
Simple Continued Fever	-	-	-	-	-	-	-	-	-	-	-	-	1
Diarrhoea and Dysentery	13	11	10	8	10	15	11	10	12	13	8	11	7
Cholera - - -	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>All the above Diseases</b>	139	127	134	123	133	157	136	147	176	160	175	179	146
Dis. of Respiratory System -	365	363	295	266	348	481	413	484	470	529	565	604	505
Phthisis - - -	163	179	154	144	189	192	154	175	206	201	209	182	139
Dis. of Circulatory System -	186	152	153	121	165	194	156	172	183	174	198	181	195
Violence - - -	82	77	74	80	74	69	79	68	76	80	75	56	63
Inquest Cases - - -	209	171	142	161	152	178	166	151	182	190	184	163	155
Deaths in Public Institutions -	540	485	474	462	539	593	471	556	577	568	637	532	503
<b>TEMPERATURE OF THE AIR.</b>													
Mean - - -	42·0	45·0	47·4	38·2	35·5	47·4	45·6	40·7	38·0	40·2	42·5	32·2	50·1
Mean of Highest readings -	46·9	50·7	51·9	43·2	40·1	51·7	51·7	48·2	47·7	49·4	52·4	40·9	59·0
Mean of Lowest readings -	36·2	39·3	41·9	33·7	30·6	42·7	39·9	34·0	28·3	31·1	33·8	24·8	43·2
<b>Humidity of the Air</b> - -	87	83	84	80	83	83	82	81	79	73	87	68	77
<b>Rain-fall (in inches)</b> - -	0·24	1·03	1·00	0·08	0·18	1·19	0·72	0·02	0·04	0·07	0·00	0·11	0·37
<b>Registered Sunshine (in hours)</b>	5·6	20·3	3·3	35·8	7·4	10·5	22·0	28·9	34·1	43·7	19·7	31·3	19·5
CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.													
Small-pox - - -	1	1	2749	2679	2665	2642	2587	2575	2581	2	2	1	1
Scarlet Fever - - -	2912	2777	2749	2679	2665	2642	2587	2575	2581	2540	2437	2355	2312
Diphtheria - - -	1256	1257	1304	1368	1377	1373	1403	1394	1374	1313	1261	1200	1175
Enteric Fever - - -	254	250	243	240	229	228	231	215	207	193	183	173	148

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.P., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.



TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTEENTH Week of the Year 1899.

CAUSES OF DEATH		Corrected Averages for the 13th Week 1889-98*.	In the Week ending Saturday, 1st April 1899.								CAUSES OF DEATH		Corrected Averages for the 13th Week 1889-98*.	In the Week ending Saturday, 1st April 1899.															
			Deaths of Persons of the Ages											Deaths of Persons of the Ages															
			ALL AGES.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.				ALL AGES.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.								
CAUSES	1763.6	1922	377	224	90	212	380	494	145	Diseases of Circulatory System	153.6	195	3	-	9	22	58	90	13	Diseases of Circulatory System	153.6	195	3	-	9	22	58	90	13
Small-pox { Vaccinated† - 0.5 Unvaccinated - 0.4 No Statement - 71.3		-	-	-	-	-	-	-	-	Croup - 6.3 Bronchitis - 232.7 Pneumonia - 139.0 Pleurisy - 5.5		2	-	2	-	-	-	-	-		2	55	29	1	10	40	122	35	
Erysipelatous Fever - 17.0		4	-	4	-	-	-	-	-	Other Diseases of Respiratory System - 27.8		32	6	1	1	5	4	11	4		172	44	47	4	23	29	21	4	
Whooping-cough - 0.1		-	-	-	-	-	-	-	-																				
Whooping-cough - 32.0		102	4	9	3	12	26	36	12	Dentition - 12.4 Quinsy, Sore Throat - 1.4 Enteritis - 12.8 Peritonitis - 6.2 Diseases of Liver - 26.2 Other Diseases of Digestive System - 28.4		6	4	2	-	-	-	-	-		32	6	1	1	5	4	11	4	
Whooping-cough - 71.3		57	24	31	2	1	-	-	-				1	-	-	-	1	-	-										
Whooping-cough - 36.6		31	1	19	10	1	-	-	-				21	9	1	6	1	2	1										
Whooping-cough - 0.3		1	-	-	-	-	-	1	-				5	-	1	-	2	2	-										
Whooping-cough - 7.5		9	-	2	3	4	-	-	-				25	1	-	-	5	10	7										
Whooping-cough - 0.1		-	-	-	-	-	-	-	-				36	12	3	2	8	5	5										
Whooping-cough - 10.8		7	5	1	-	1	-	-	-																				
Whooping-cough - 0.2		-	-	-	-	-	-	-	-																				
Whooping-cough - 1.1		1	-	-	-	1	-	-	-																				
Whooping-cough - 1.1		1	1	-	-	-	-	-	-				2	1	-	-	1	-	-										
Whooping-cough - 10.3		6	5	-	-	-	1	-	-																				
Whooping-cough - 3.1		5	1	-	1	-	1	2	-																				
Whooping-cough - 1.9		1	-	-	-	1	-	-	-																				
Whooping-cough - 4.7		1	-	-	-	1	-	-	-																				
Whooping-cough - 1.1		2	1	-	-	1	-	-	-																				
Whooping-cough - 1.1		-	-	-	-	-	-	-	-																				
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Whooping-cough - 1.1		-	-	-	-	-	-	-	-											</									

The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the case of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of homicide, murder, manslaughter or suicide. All such cases are classed under "accident."

TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered in each SUB-DISTRICT during the Week ending Saturday, 1st April, 1899.

REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	The DEATHS registered during the Week include																	Un- certified Deaths.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from												Inquest Cases.	Deaths in Public Institutions.	Causes of Death.	
						Small-pox.	Measles.	Scarlet Fever	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.						
LONDON -	4,411,710	2609	1922	377	639	-	37	4	31	57	-	9	1	7	63	155	503	11			
WEST DISTRICTS	778,251	384	354	71	127	-	2	-	4	10	-	-	1	1	10	26	90	1			
NORTH DISTRICTS	1,040,694	569	437	79	144	-	14	1	8	18	-	2	-	3	16	33	105	-			
CENTRAL DISTRICTS	233,635	126	111	17	28	-	2	-	3	1	-	1	-	1	6	13	39	-			
EAST DISTRICTS	716,334	557	345	73	109	-	11	-	2	6	-	-	-	-	12	39	107	-			
SOUTH DISTRICTS	1,642,796	973	635	137	215	-	8	2	14	22	-	6	-	1	18	43	122	10			
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*	-	-	40	-	16	-	-	1	-	-	-	-	-	1	1	1	40	-			
WEST DISTRICTS.																					
St. Mary Paddington } G. & W.	90,996	63	31	5	15	-	-	-	-	1	-	-	-	-	2	3	5	-			
WHH																					
St. John Paddington H - - G.	33,510	5	19	1	3	-	-	-	-	-	-	-	-	-	3	3	11	-			
Kensington Town Ww - - W.	122,164	58	56	8	26	-	1	-	-	1	-	-	-	-	1	6	20	-			
Brompton HH - - W. & C.	48,301	9	15	-	8	-	-	-	-	-	-	-	-	-	-	-	3	-			
St. Peter Hammersmith - - W.	9,097	4	7	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Paul Hammersmith HH W. & G.	95,102	48	45	13	13	-	1	-	1	4	-	-	-	-	1	3	1	-			
Fulham Ww - - W. & C.	113,781	86	67	23	15	-	-	-	3	2	-	-	1	-	-	4	19	-			
Chelsea Kensal Town - - C.	21,450	12	12	2	6	-	-	-	-	-	-	-	-	-	2	2	-	-			
Chelsea North WHHHHH - C.	42,057	14	19	-	9	-	-	-	-	-	-	-	-	-	-	-	10	-			
Chelsea South HE - - C.	33,139	11	11	1	5	-	-	-	-	2	-	-	-	-	-	1	-	-			
May Fair W - - - G.	23,827	2	11	1	5	-	-	-	-	-	-	-	-	-	-	-	7	-			
Belgrave WHHH - - C.	56,140	32	25	4	10	-	-	-	-	-	-	-	-	-	-	2	6	-			
St. John Westminster HH - C.	31,492	19	14	5	4	-	-	-	-	-	-	-	1	-	-	-	-	-			
St. Margaret Westminster H- C.	22,097	6	13	3	3	-	-	-	-	-	-	-	-	-	1	2	6	-			
St. James Westminster } N. & G.	23,050	11	7	2	3	-	-	-	-	-	-	-	-	-	-	-	2	1			
WHH																					
St. Anne Soho HHHHHH - N.	12,048	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NORTH DISTRICTS.																					
All Souls Marylebone } - - W.	36,595	17	9	3	1	-	-	-	-	-	-	-	-	-	-	1	3	-			
HHHHHHHH																					
Rectory Marylebone W } G. & W.	19,798	7	11	1	3	-	-	-	-	-	-	-	-	-	-	-	1	-			
St. Mary Marylebone } G. & W.	19,637	28	13	2	5	-	-	-	-	-	-	-	-	-	-	-	2	-			
HHHH																					
Christchurch Marylebone H - W	32,547	10	8	1	2	-	-	-	-	1	-	-	-	-	-	-	-	-			
St. John Marylebone HHH W.	32,611	7	8	4	1	-	-	-	-	-	-	-	-	-	1	1	-	-			
Hampstead } - - N. & W.	75,449	25	23	4	3	-	2	1	1	1	-	-	-	1	2	4	6	-			
WwHHHd																					
Regent's Park Pancras HH - W.	37,341	27	6	-	2	-	-	-	-	-	-	-	-	-	-	2	-	-			
Tottenham-court } - N. & W.	26,757	20	17	-	4	-	-	-	-	1	-	-	-	-	-	-	8	-			
wHHH																					
Gray's Inn Lane HHH - - N.	29,426	13	19	2	3	-	-	-	-	4	-	-	-	-	1	2	4	-			
Somers Town HH - - N.	32,161	23	15	5	2	-	-	-	1	3	-	-	-	-	-	2	-	-			
Camden Town WH - - N.	16,669	9	19	5	11	-	-	-	-	1	-	-	-	-	1	2	15	-			
Kentish Town WW - - N.	98,410	48	33	8	6	-	2	-	-	1	-	-	-	1	-	-	8	-			
Upper Holloway } - - N.	98,273	51	64	5	28	-	-	-	-	1	-	1	-	1	2	4	33	-			
WWWwHH																					
Islington South-west H - - N.	107,365	52	31	7	8	-	1	-	-	3	-	-	-	-	-	-	-	-			
Islington South-east - - N.	66,549	46	32	8	10	-	1	-	-	-	-	-	-	-	1	1	-	-			
Highbury HH - - N.	64,577	34	14	4	7	-	-	-	1	-	-	-	-	-	1	1	-	-			
Stoke Newington H - - N.	33,485	14	12	1	8	-	-	-	-	1	-	-	-	-	-	-	-	-			
North Hackney - - E. & N.		21	11	1	6	-	-	-	-	-	-	-	-	-	-	-	-	-			
Central Hackney ww - - E. & N.		33	28	7	7	-	5	-	4	-	-	1	-	-	4	5	5	-			
South-west Hackney HHH E. & N.	213,044	49	27	6	10	-	2	-	1	-	-	-	-	-	1	3	4	-			
South-east Hackney WwH E. & N.		35	37	5	17	-	1	-	-	1	-	-	-	-	2	5	16	-			

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein: namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other Districts than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies, which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

See note f on first page of this Return.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday 1st April, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation 1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include													Deaths in Public Institution	Un- identified Cause of Death
				Deaths of		Deaths from												
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence	Inquest Cases		
CENTRAL DISTRICTS.																		
George Bloomsbury - - N.	16,110	5	7	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Miles South WH - - N.	12,976	10	7	-	4	-	-	-	-	-	-	-	-	-	-	1	3	4
Miles North H - - N.	9,151	2	10	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Martin-in-the-Fields HHN. & C.	13,077	2	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	3
and WHH - - N.	11,839	4	4	1	1	-	-	-	-	-	-	-	-	-	-	1	-	3
and Union Workhouse, Edmonton	†1,037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
born wHHHHHHH - - N.	31,042	18	17	8	1	-	1	-	1	1	-	-	-	1	1	2	7	-
James Clerkenwell - - N.	15,777	7	6	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-
well Clerkenwell - - N.	34,356	23	9	1	3	-	-	-	-	-	-	-	-	-	-	1	-	-
well-street - - N.	16,069	10	4	-	-	-	1	-	1	-	-	-	-	-	-	2	-	-
road HHHL - - N.	29,597	42	11	3	1	-	-	-	-	-	-	-	-	-	-	-	3	-
tercross-street - - N.	7,595	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bury - - N.	4,035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
born Union Workhouse, } Whitecham - - N.	†692	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Botolph H - - N. & E.	6,870	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
legate - - N.	3,299	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Sepulchre WH - - N.	9,591	-	20	-	3	-	-	-	1	-	-	1	-	-	-	1	1	16
allowes Barking - - N.	9,059	1	4	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-
ad Street H - - N.	2,892	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
of London Asylum, Stone - -	†388	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EAST DISTRICTS.																		
reditch South H - E. & N.	17,975	6	7	1	5	-	-	-	-	-	-	-	-	-	1	2	4	-
ington New Town w - - N.	29,575	20	16	5	4	-	-	-	-	2	-	-	-	-	-	4	5	-
ington Old Town - - N.	27,645	26	7	-	2	-	-	-	-	1	-	-	-	-	-	1	-	-
ggerston WH - - N. & E.	47,163	36	42	10	14	-	2	-	-	-	-	-	-	-	1	4	18	-
chnal Green North H - E.	49,301	48	26	5	8	-	-	-	-	-	-	-	-	-	-	1	-	-
chnal Green South - - E.	34,194	35	6	1	2	-	-	-	-	-	-	-	-	-	1	4	-	-
chnal Green East WH - E.	45,667	37	20	2	5	-	-	-	-	-	-	-	-	-	-	2	13	-
talfields - - E. & N.	26,681	18	7	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-
le End New Town* WH - E.	51,995	21	31	6	5	-	1	-	-	1	-	-	-	-	4	6	23	-
odman's Fields* - - E.		25	3	-	1	-	-	-	-	-	-	-	-	-	1	1	-	-
George's North - - E.	39,576	36	13	4	1	-	3	-	-	-	-	-	-	-	1	1	-	-
John, St. George East W E.	7,930	6	8	-	3	-	-	-	-	-	-	-	-	-	-	-	6	-
adwell H - - E. & N.	10,454	5	8	2	-	-	-	-	-	-	-	-	-	-	-	-	6	-
cliff W - - E.	14,954	8	7	6	-	-	1	-	-	-	-	-	-	-	-	-	-	-
nehouse - - E.	32,917	18	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
le End Old Town West H E.	111,060	46	16	3	3	-	1	-	-	1	-	-	-	-	1	5	11	-
le End Old Town East } W W W W }		38	32	8	11	-	-	-	-	-	-	-	-	-	-	-	-	-
w l - - E.	41,687	26	18	2	11	-	-	-	-	-	-	-	-	-	-	-	6	-
omley w w w H - - E.	69,821	57	45	6	20	-	2	-	1	1	-	-	-	-	1	2	13	-
plar WW - - E.	57,759	45	28	8	9	-	1	-	-	1	-	-	-	-	-	4	2	-

† Population in 1891, not included in the total population of the Central Districts or of London.

Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.



TABLE 5 LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX MEASLES SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in SUB-DISTRICT during the Week ending Saturday, 1st April, 1899—*continued*.

The DEATHS registered during the Week include																		
REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation, 1896.	Total Births.	Total Deaths.	Deaths of														Deaths in Public Institutions
				Infants under 1 Year of Age.	Persons aged 10 Years and upwards.	Deaths from												
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.		
SOUTH DISTRICTS.																		
Christchurch Southwark WH&S.	13,064	7	4	1	-	-	-	-	-	-	-	-	-	-	-	-	1	
St. Saviour Southwark - - - S.	12,301	3	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
Kent-road - - - S. & L.	22,879	17	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Borough-road WH - - - S. & L.	16,083	9	9	5	2	-	-	-	-	-	-	-	-	-	-	-	-	
London-road HL - - - S. & L.	21,316	11	6	2	3	-	-	-	-	1	-	-	-	-	-	1	5	
Trinity Newington - - - S. & L.	28,723	11	5	3	-	-	-	-	-	-	-	-	-	-	-	2	-	
St. Peter Walworth W - - - S. & L.	62,045	39	24	7	11	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary Newington- - - L. & S.	30,171	24	16	4	5	-	-	2	-	-	1	-	-	-	-	3	5	
St. Olave WH - - - S.	11,731	5	10	2	3	-	-	-	-	-	-	-	-	-	2	2	6	
Bermondsey W - - - S.	85,475	61	25	6	5	-	-	-	-	1	-	-	-	-	1	2	1	
Rotherhithe WwH - - - S. & K.	40,379	21	18	2	5	-	-	-	-	1	-	-	-	-	-	1	5	
Waterloo-road HH - - - L. & S.	28,396	31	12	4	4	-	1	-	-	-	-	-	-	-	-	3	-	
Lambeth Church 1st H - - - L. & S.	18,770	8	18	2	3	-	-	-	2	-	-	-	-	-	1	2	12	
Lambeth Church 2nd WW - - - L. & S.	40,994	29	14	1	3	-	-	-	1	-	-	-	-	-	-	3	6	
Kennington 1st H - - - S. & L.	52,486	44	19	6	5	-	-	-	-	1	-	-	-	-	1	1	-	
Kennington 2nd - - - S. & L.	43,244	16	12	-	6	-	-	-	-	-	-	-	-	-	-	-	-	
Brixton w - - - L. & S.	81,825	52	35	3	14	-	-	-	5	-	1	-	-	-	-	1	6	
Norwood WH - - - L.	29,318	23	12	1	2	-	-	-	-	1	-	-	-	-	-	-	1	
East Battersea - - - S.	71,730	43	27	8	6	-	-	-	1	-	-	-	-	-	2	6	-	
West Battersea WwH - - - S.	93,385	63	39	7	19	-	-	-	-	2	-	-	-	-	1	2	13	
Clapham H - - - S.	46,953	29	20	5	9	-	-	-	-	-	-	-	-	-	-	-	-	
Wandsworth WHHL - - - S.	58,101	32	20	5	7	-	-	-	-	1	-	-	-	-	-	1	-	
Putney - - - S.	20,566	15	12	1	8	-	-	-	-	-	-	-	-	-	1	-	-	
Streatham WwwwL - - - L.	61,644	28	21	8	8	-	-	-	1	1	-	-	-	-	2	2	-	
Dulwich - - - L. & S.	7,519	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Camberwell Wwll - - - S. & L.	90,286	42	44	6	23	-	-	-	-	3	-	-	-	-	1	3	22	
Peckham WW - - - S., L., & K.	88,242	44	26	4	6	-	1	-	-	2	-	-	-	-	-	-	-	
St. George Camberwell - - - L. & S.	67,029	46	26	9	2	-	-	-	1	2	-	-	-	-	1	2	1	
Deptford North - - - K.	36,152	21	10	2	1	-	-	-	-	-	-	-	-	-	1	1	-	
Deptford Central w - - - K.	45,441	23	22	4	4	-	-	-	-	2	-	-	-	-	-	-	4	
Deptford South - - - K.	33,402	9	11	1	5	-	-	-	-	-	-	4	-	-	-	-	-	
Greenwich West H - - - K.	23,012	13	7	1	3	-	-	-	-	-	-	-	-	-	-	-	-	
Greenwich East WH - - - K.	37,767	25	23	4	9	-	3	-	-	-	-	1	-	-	-	-	11	
Eltham wH - - - K.	5,911	4	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	
Lee H - - - K.	24,222	13	6	-	4	-	-	-	-	-	-	-	-	-	-	-	-	
Lewisham WwH - - - K.	38,139	25	23	6	10	-	-	1	1	2	-	-	-	-	-	1	10	
Sydenham H - - - L.	37,601	25	14	3	6	-	-	-	-	-	-	-	-	-	1	-	-	
Jharlton wHH - - - K.	15,928	7	14	4	3	-	1	1	2	1	-	-	-	-	-	-	7	
Woolwich Dockyard - - - K.	19,355	4	3	-	2	-	-	-	-	-	-	-	-	-	-	1	-	
Woolwich Arsenal HHHH - - - K.	21,959	15	5	5	-	-	-	-	-	-	-	-	-	-	-	1	-	
Plumstead West H - - - K.	16,714	5	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Plumstead East WH - - - K.	42,538	29	12	3	5	-	-	-	-	-	-	-	-	-	-	-	5	
Banstead Asylum - - -	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3	
Caterham Asylum - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cane Hill Asylum - - -	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hospital Ships and Camp, Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	3	
Darenth Asylum - - -	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
London County Asylum, Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	
Heath - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Howell Asylum - - -	-	-	5	-	3	-	-	-	-	-	-	-	-	-	-	-	-	
Colney Hatch Asylum - - -	-	-	6	-	2	-	-	-	-	-	-	-	-	-	-	-	5	
N.E. Hospital - - -	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	6	
Winchmore Hill Hospital - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Leavesden Asylum - - -	-	-	8	-	5	-	-	-	-	-	-	-	-	-	-	-	8	
Claybury Asylum - - -	-	-	11	-	6	-	-	-	-	-	-	-	-	-	1	-	11	

TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 1st April, 1899.

					The DEATHS registered in the Week include														
REGISTRATION SUB-DISTRICTS.		Area in Acres.	Enu- merated Popu- lation, 1901.	BIRTHS.	DEATHS.	Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.	
LONDON—OUTER RING		363,749	1,422,063	969	611	120	210	-	13	1	10	22	4	2	23	42	71	8	
1	Carshalton <i>wHH</i> - -	12,228	26,108	11	6	2	1	-	-	-	-	-	-	-	-	-	-	-	
2	Epsom, <i>part of</i> * <i>WwHH</i> -	10,423	12,508	8	5	1	-	-	-	-	1	1	1	-	-	-	1	-	
1	Godstone, <i>part of</i> * <i>W</i> -	2,754	1,598	1	2	1	1	-	-	-	-	-	-	-	-	-	1	-	
1	Croydon <i>WwHHH</i> - -	20,851	128,699	62	52	5	20	-	-	-	1	2	-	-	-	-	10	-	
2	Mitcham <i>w</i> - -	11,697	23,072	11	6	1	3	-	-	-	-	1	-	-	-	-	-	1	
1	Wimbledon <i>HHH</i> - -	3,220	25,777	19	10	2	6	-	-	-	-	1	1	-	-	-	-	-	
2	Kingston <i>WH</i> - -	14,672	33,566	19	18	4	9	-	-	-	-	-	-	-	-	-	9	-	
3	Surbiton <i>H</i> - -		12,178	8	6	1	5	-	-	-	-	-	-	-	-	-	-	-	
4	Esher, <i>part of</i> * <i>HH</i> - -		11,080	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
5	Hampton <i>HL</i> - -		18,252	7	8	-	3	-	-	-	-	-	-	-	-	-	1	-	
1	Richmond <i>WH</i> - -	2,160	25,389	9	10	2	6	-	-	-	1	-	-	-	-	-	-	-	
2	Mortlake <i>H</i> - -	2,823	16,159	16	6	-	3	-	-	-	-	1	-	-	-	-	-	-	
1	Bromley <i>HHH</i> - -	9,127	23,815	10	6	1	2	-	-	-	2	-	-	-	-	1	2	-	
2	Beckenham <i>H</i> - -	6,542	21,969	9	10	3	3	-	-	-	-	-	-	-	-	1	2	-	
3	Chislehurst, <i>part of</i> * <i>WHH</i>	14,307	20,372	4	5	1	2	-	-	-	-	-	-	-	-	-	2	-	
1	Bexley <i>HHH</i> - -	12,540	30,590	22	14	4	6	-	-	-	-	-	-	-	-	-	1	-	
2	Dartford <i>WH, part of</i> * -	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	2	-	
1	Sunbury <i>w</i> - -	11,054	13,671	7	4	1	3	-	-	-	-	-	-	-	-	1	1	-	
2	Staines <i>WH</i> - -	13,277	13,221	9	5	1	2	-	-	-	-	-	2	-	-	-	-	-	
1	Hillingdon <i>WHH</i> - -	6,035	12,237	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
2	Uxbridge - -	12,757	7,253	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes <i>wH</i> - -	7,952	11,051	5	4	-	1	-	-	-	-	1	-	-	-	1	2	-	
1	Isleworth <i>WHH</i> - -	6,967	26,004	14	27	4	8	-	-	-	-	-	-	-	-	1	1	10	
2	Twickenham <i>HH</i> - -	2,415	16,027	12	7	-	4	-	-	-	-	-	-	-	-	-	-	-	
3	Brentford <i>HHHH</i> - -	4,318	37,777	20	16	3	5	-	-	-	-	-	-	-	-	-	1	1	
4	Chiswick - -	1,245	21,963	18	9	1	6	-	-	-	-	-	-	-	-	1	1	-	
5	Acton <i>wHH</i> - -	6,132	30,945	23	13	2	5	-	-	-	-	-	1	-	-	-	-	-	
1	Harrow <i>HHH</i> - -	13,809	15,715	14	4	2	2	-	-	-	-	-	-	-	-	-	-	-	
2	Edgware <i>HH</i> - -	6,994	3,844	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden <i>HHH</i> - -	4,383	61,265	62	29	10	8	-	-	-	1	1	-	-	-	1	1	-	
4	Hendon <i>WH</i> - -	6,382	15,843	11	12	2	3	-	1	-	-	-	-	-	-	1	1	4	
1	South Mimms <i>HH</i> - -	21,077	6,367	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet <i>WHH</i> - -		14,152	9	6	2	2	-	2	-	-	-	-	-	-	-	2	-	
3	Finchley <i>HHH</i> - -		25,820	14	8	-	2	-	-	-	-	-	-	-	-	1	1	-	
1	Hornsey <i>HH</i> - -	3,039	61,097	32	24	1	9	-	1	-	-	-	-	-	-	-	2	-	
2	Tottenham <i>HH</i> - -	4,642	97,174	65	43	6	12	-	1	-	-	3	-	-	-	3	4	-	
3	Edmonton <i>WwW</i> - -	7,489	36,351	36	16	5	8	-	-	1	-	-	-	-	-	1	2	4	
4	Enfield <i>WWHH</i> - -	12,602	31,536	25	12	-	4	-	3	-	-	1	-	-	-	1	1	2	
5	Waltham Abbey - -	11,017	6,066	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt <i>H</i> - -	8,480	9,620	4	4	1	3	-	-	-	-	-	-	-	-	-	-	-	
1	Hatfield, <i>part of</i> * <i>W</i> -	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1	Bushey <i>H</i> - -	9,331	7,737	2	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
2	Watford <i>WH, part of</i> * -	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	
1	Stratford <i>H</i> - -	4,706	38,812	33	15	4	5	-	-	-	-	-	-	-	-	1	2	-	
2	Plaistow <i>WHHH</i> - -		53,030	58	30	10	9	-	2	-	2	2	-	-	-	1	2	2	
3	Canning Town <i>H</i> - -		54,750	46	30	9	3	-	3	-	-	1	-	-	-	1	2	3	
4	Forest Gate <i>w</i> - -		53,511	29	22	5	9	-	-	-	-	1	1	-	-	-	-	-	
5	East Ham <i>wHH</i> - -		32,713	53	12	3	3	-	-	-	-	-	-	-	-	-	1	-	
6	Leyton <i>WWwWH</i> - -		4,334	70,188	49	38	10	7	-	-	-	1	4	-	-	-	2	4	
7	Walthamstow <i>HHL</i> - -	6,501	57,330	52	28	7	7	-	-	-	-	1	-	-	-	2	4	-	
1	Chigwell, <i>part of</i> * <i>HHHH</i>	11,779	12,941	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Epping <i>WH, part of</i> * -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1	Romford, <i>part of</i> * <i>WH</i> -	6,556	4,324	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
2	Ilford - -	8,493	10,913	12	6	-	3	-	-	-	-	-	-	-	-	-	-	-	
3	Barking Town, <i>H</i> - -	3,814	14,301	14	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
Middlesex Co. Lunatic Asy.		-	-	-	5	-	2	-	-	-	-	-	-	-	-	-	5	-	

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—39: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warringham & Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in tfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (p. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for various Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 1st April, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE OF MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include														
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from												
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.					
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10	11.	12.	13.	14.	15.					
GREATER LONDON	443,421	6,528,434	20·2	1·6	2533	497	849	-	50	5	41	79	14	9	86					
INNER LONDON -	74,672	4,546,752	22·0	1·7	1922	377	639	-	37	4	31	57	10	7	63					
OUTER RING -	368,749	1,981,682	16·1	1·4	611	120	210	-	13	1	10	22	4	2	23					

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.
EDINBURGH -	298,927	April	1	191	129	22·5	-	3	2	1	12	-	-
GLASGOW -	733,903	"	1	456	319	22·7	-	13	2	-	10	4	-
DUBLIN -	349,594	"	1	250	212	31·6	-	-	2	2	3	2	-
CALCUTTA -	466,460	January	28	-	-	-	-	-	-	-	-	-	-
BOMBAY -	821,764	March	14	-	-	-	-	-	-	-	-	-	-
MADRAS -	452,518	February	17	270	320	36·7	1	11	?	?	?	40	-
PARIS -	2,511,629	March	25	1191	1341	27·7	-	25	4	10*	15	14	-
BRUSSELS -	551,011	"	25	266	280	26·4	-	13	-	2*	2	4	-
AMSTERDAM -	512,758	"	18	335	163	16·5	-	-	-	-	3	1	-
ROTTERDAM -	308,439	"	18	212	123	20·5	-	-	1	1	2	1	-
THE HAGUE -	196,325	"	18	129	65	17·0	-	1	-	1	3	-	-
COPENHAGEN -	345,000	"	25	282	119	18·0	-	3	3	6	1	1	-
STOCKHOLM -	283,550	"	18	141	116	21·3	-	5	-	8*	-	-	-
CHRISTIANIA -	273,337	"	25	177	74	18·9	-	1	-	-	-	-	-
ST. PETERSBURG	1,132,677	"	25	610	601	27·7	1	9	10	16	7	12	-
MOSCOW -	988,610	"	18	-	507	26·7	4	12	11	6	1	6	-
BERLIN -	1,805,054	"	11	885	747	21·5	-	4	12	17	17	1	-
HAMBURG -	675,351	"	25	-	247	19·0	-	-	-	4*	4	-	-
DRESDEN -	388,300	January	28	284	129	17·3	-	-	-	3*	2	1	-
BRESLAU -	406,012	March	25	-	188	24·1	-	-	2	3	1	-	-
MUNICH -	445,000	"	25	-	187	21·9	-	-	-	2*	3	-	-
VIENNA -	1,606,629	"	25	1135	763	24·7	-	28	4	18*	6	1	-
PRAGUE -	380,497	"	18	211	212	29·0	-	7	3	1	1	1	-
BUDA-PESTH -	666,722	"	18	493	341	26·6	1	5	2	2	-	7	-
TRIESTE -	165,913	"	11	116	98	30·7	-	-	1	2*	2	-	-
ROME -	500,610	"	18	264	190	19·8	-	-	-	1	-	-	-
TURIN (10 days)	344,203	"	2	152	152	20·0	-	1	-	2*	5	-	-
VENICE -	169,883	"	18	92	94	23·9	-	8	-	3*	-	1	-
CAIRO -	570,062	-	-	-	-	-	-	-	-	-	-	-	-
ALEXANDRIA -	319,766	-	-	-	-	-	-	-	-	-	-	-	-
NEW YORK (including BROOKLYN)	3,550,053	March	11	1505	1291	19·0	-	15	14	26	12	6	-
PHILADELPHIA -	1,266,832	"	11	-	520	21·4	-	-	1	16	2	39	-

\* Including deaths from croup.



1899.

MONTH AND DAY

MARCH.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
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The results apply to the civil day, or from midnight to midnight. The height of the column of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level. Observations are usually taken at 9 A.M.; noon; 3 P.M.; and 9 P.M. The means of the readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily departure from temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables. The average value of the air is derived from a discussion of the observations made at Greenwich during the 50 years ending 1880, and that of horizontal movement of the air from a discussion of the anemometer records for the 16 years ending 1875. In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average. Column 17 are not corrected for the index error of the thermometer, which cannot be determined. The values given in column 17 are not corrected for the index error of the thermometer. The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: - P. positive; N. negative; w. weak; m. moderate; s. strong. The numbers in column 28 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day. The height of the barometer increased from 29.85 in. at the beginning of the week to 29.91 in. on the 26th March; decreased to 29.76 in. by 4 P.M. on March 27th; increased to 29.88 in. by 10 A.M. on March 28th; decreased to 29.61 in. by 4 P.M. on March 29th; increased to 30.16 in. by 11 P.M. on March 30th; and decreased to 29.93 in. by the end of the week.

GENERAL REMARKS.

DATE.	ELECTRICITY. (For explanation of symbols, see Note.)	Registered Sunshine in hours.	Sun above Horizon in hours.	GENERAL REMARKS.
MARCH.				
SUNDAY - 26	v. N. till 4h. A.M.; w. P. afterwards.	1.1	12.5	Overcast in morning with rain till 4h. A.M.; fine and partially cloudy afterwards. Solar halo in afternoon; lunar halo at night.
MONDAY - 27	w. P. generally; s. N. at 5h. P.M.	2.8	12.6	Generally fine; cloudy till evening; little cloud at night. Solar halo in afternoon; lunar halo at night. Showery about 5h. P.M.
TUESDAY - 28	w. P. till 9h. P.M.; w. N. afterwards.	2.4	12.6	Fine but cloudy in morning and afternoon. Solar halo occasionally seen; overcast and showery at night.
WEDNESDAY - 29	w. P. throughout	8.9	12.7	Fine; partially cloudy. Bright parhelia at 5h. P.M.
THURSDAY - 30	w. P. throughout	1.5	12.8	Overcast in morning; fine and partially cloudy in afternoon; overcast at night.
FRIDAY - 31	w. P. throughout	0.1	12.8	Overcast and showery throughout the morning; fine afterwards with variable clouds.
APRIL.				
SATURDAY - 1	w. P. generally; v. P. and v. N. between 5h. and 7h. P.M.	2.7	12.9	Generally overcast in morning; fine but cloudy till evening; cloudless at night. A shower of rain shortly before 6h. P.M.
MEANS	-	Sum 19.5	Sum 88.9	-
No. of Col.	-	28	29	-

27

LONDON:  
PRINTED FOR HER MAJESTY'S STATIONERY OFFICE  
By DARLING & SON, LTD., 1-3, GREAT ST. THOMAS APOSTLE, E.C.

---

1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

Printed under the Superintendence of Her Majesty's Stationery Office,  
AND SOLD BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 14. 1899. VOL. LX.] WEEK ENDING SATURDAY, APRIL 8. [Price 1½d.

General Register Office, Somerset House,  
April 10th, 1899.

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 21·7 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Mar. 18.	Mar. 25.	Apr. 1.	Apr. 8.		Mar. 18.	Mar. 25.	Apr. 1.	Apr. 8.
33 Great Towns	23·3	23·1	23·1	21·7	Leicester - -	16·6	19·8	18·8	19·0
Birkenhead -	24·9	23·1	24·9	19·9	Liverpool - -	28·8	26·1	28·6	25·7
Birmingham -	20·9	22·1	28·8	23·7	London - - -	24·1	23·2	22·0	20·8
Blackburn -	26·2	25·1	26·6	25·8	Manchester -	31·7	33·4	31·8	25·9
Bolton - -	27·3	22·5	23·8	16·1	Newcastle-on-Tyne	19·8	19·4	22·6	22·1
Bradford -	20·1	21·6	21·4	20·5	Norwich - -	20·3	20·7	23·9	20·7
Brighton -	18·2	21·2	21·2	27·5	Nottingham -	21·6	20·5	22·7	20·3
Bristol - -	17·9	18·0	21·3	19·2	Oldham - - -	28·0	32·9	30·4	24·9
Burnley - -	20·3	24·0	24·4	28·1	Plymouth - -	21·8	27·5	23·3	24·9
Cardiff - -	16·8	13·2	13·2	11·8	Portsmouth -	16·4	20·8	21·3	19·4
Croydon - -	17·1	19·6	17·1	21·2	Preston - - -	27·9	19·9	21·7	22·2
Derby - - -	12·7	22·5	19·1	24·5	Salford - - -	31·5	28·0	22·9	24·6
Gateshead -	18·6	19·6	20·1	16·6	Sheffield - -	24·8	23·8	25·3	21·1
Halifax - -	25·6	22·4	26·7	26·7	Sunderland -	20·4	21·1	23·3	24·0
Huddersfield-	24·7	16·1	20·2	21·7	Swansea - - -	18·6	23·1	21·6	19·1
Hull - - - -	16·5	19·4	20·3	22·9	West Ham - -	18·8	17·4	17·5	16·3
Leeds - - -	23·6	25·0	22·1	22·3	Wolverhampton	21·7	29·4	19·4	39·9

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·0 in Gateshead, and 2·4 in Manchester; from *whooping-cough*, 1·0 in Plymouth and in Huddersfield, 1·1 in Halifax and in Sunderland, 1·6 in Hull, and 1·8 in Birkenhead, in Burnley, and in Preston; and from "*fever*," 1·0 in Derby and in Salford, and 1·2 in Wolverhampton. In none of the thirty-three towns did the death-rate from *scarlet fever* or from *diarrhœa* reach 1·0 per 1000. The 75 deaths from *diphtheria* included 34 in London, 7 in Sheffield, 4 in Leeds, 4 in Liverpool, 4 in Leicester, 4 in Portsmouth, 3 in Swansea, and 3 in Birmingham. No death from *small-pox* was registered in any of the thirty-three towns.

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.



## LONDON.

In LONDON\* 2554 BIRTHS and 1816 DEATHS were registered. Allowing for increase of population, the births were 168 below, and the deaths 121 above, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 24.1, 23.2, and 22.0 in the preceding three weeks, further fell last week to 20.8. During the four weeks ending on Saturday last the death-rate averaged 22.5 per 1000, being 1.9 per 1000 above the mean rate in the corresponding periods of the ten years 1889-98.

The 1816 deaths included 29 from measles, 8 from scarlet fever, 34 from diphtheria, 58 from whooping-cough, 6 from enteric fever, 11 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 146 deaths were referred to these diseases, being 65 below the corrected average weekly number.

The deaths from *measles*, which had been 35, 33, and 37 in the preceding three weeks, fell again last week to 29, and were 42 below the corrected average; 5 cases belonged to Hackney, and 4 to St. Pancras sanitary areas. The deaths from *scarlet fever*, which had been 7, 4, and 4 in the preceding three weeks, rose again last week to 8, but were 9 below the corrected average. The deaths from *diphtheria*, which had been 45, 37, and 31 in the preceding three weeks, rose again last week to 34, and were equal to the corrected average; 7 cases belonged to Lambeth, 4 to Camberwell, and 4 to St. Pancras sanitary areas. The deaths from *whooping-cough*, which had been 73, 90, and 57 in the preceding three weeks, were 58 last week, the corrected average being 67; 6 cases belonged to Kensington, and 6 to Mile End Old Town sanitary areas. The fatal cases of *enteric fever*, which had been 7, 4, and 9 in the preceding three weeks, fell again last week to 6, and were 2 below the corrected average. The deaths from *diarrhœa*, which had been 8, 11, and 7 in the preceding three weeks, rose again last week to 11, the corrected average being 13. The deaths referred to diseases of the respiratory organs, which had been 565, 604, and 505 in the preceding three weeks, further fell last week to 470, but were 93 above the corrected average. The deaths attributed directly to *influenza* numbered 84, having been 125, 108, and 102 in the preceding three weeks.

Different forms of violence caused 89 deaths, concerning all but 2 of which inquests were held. Of these 89 deaths, 9 were cases of suicide, and 3 of homicide, while the remaining 77 were attributed to accident or negligence. Seven of these were referred to vehicles in the streets, 10 to burns and scalds, 4 to drowning, and 17 (of infants under one year of age) to suffocation in bed.

## CASES OF INFECTIOUS SICKNESS IN HOSPITALS.†

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2234 cases of scarlet fever, 1127 of diphtheria, 139 of enteric fever, and 2 of typhus, under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 150 cases, against 224, 177, and 167; of diphtheria, 103 cases, against 133, 110, and 121; and of enteric fever, 13 cases, against 26, 15, and 13.

\* Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

† The figures for the Hospitals represent patients certified on admission to be suffering from Small-pox, Scarlet Fever, Diphtheria, Enteric Fever, or Typhus respectively; but in a considerable proportion of cases the diagnosis found after sojourn in the Hospital to have been erroneous.

## DEATHS OF PERSONS BELONGING TO LONDON AND ITS SANITARY AREAS,

REGISTERED IN THE 13 WEEKS ENDING 1st APRIL, 1899.

SANITARY AREAS.	Total Deaths from all Causes	Deaths from Principal Zymotic Diseases.									Deaths from Pneumonia.	Deaths of Infants under 1 Year of Age.	Deaths under 1 Year to 1000 Births registered.
		Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping cough.	Typhus.	Enteric Fever.	Simple and undefined fever.	Diarrhoea.			
REGISTRATION LONDON	22,732	-	388	96	468	681	2	146	1	137	2,238	4,512	129
West.													
Paddington - - -	590	-	1	2	6	26	-	-	-	6	45	90	126
Kensington - - -	835	-	1	2	14	26	-	3	-	3	66	142	152
Hammersmith - -	580	-	6	3	6	24	-	4	-	1	51	125	151
Fulham - - -	611	-	1	8	22	23	-	5	1	6	63	164	133
Chelsea - - -	563	-	2	1	11	50	-	3	-	1	44	97	152
St. George Hanover Square -	327	-	-	1	3	2	-	4	-	1	31	42	115
St. Margt & St. John Westm.	296	-	-	-	2	1	-	3	-	3	43	51	173
St. James Westminster -	132	-	1	-	1	1	-	2	-	1	15	17	143
North.													
St. Marylebone - - -	733	-	3	2	10	14	-	6	-	5	75	106	103
Hampstead - - -	239	-	7	1	3	3	-	-	-	2	19	42	112
St. Pancras - - -	1,304	-	40	11	21	66	-	11	-	8	142	247	141
Islington - - -	1,685	-	47	4	15	61	-	9	-	5	160	305	122
Stoke Newington - - -	104	-	1	1	1	2	-	-	-	-	13	9	43
Hackney - - -	928	-	31	2	30	18	-	5	-	7	79	183	105
Central.													
St. Giles - - -	204	-	2	-	1	-	-	3	-	-	33	17	57
St. Martin-in-the-Fields -	48	-	-	-	-	-	-	-	-	2	6	8	205
Strand - - -	132	-	-	-	-	-	-	-	-	-	17	18	135
Holborn - - -	209	-	3	-	4	6	-	1	-	5	31	42	235
Clerkenwell - - -	400	-	18	1	9	9	-	4	-	7	40	89	151
St. Luke - - -	295	-	6	1	2	1	-	3	-	4	39	54	112
City of London - - -	180	-	-	-	1	1	-	7	-	2	17	16	143
East.													
Shoreditch - - -	740	-	26	1	10	15	-	5	-	2	87	171	153
Bethnal Green - - -	726	-	39	2	16	6	-	7	-	7	66	175	130
Whitechapel - - -	450	-	13	1	7	8	-	2	-	1	47	83	114
St. George-in-the-East -	308	-	10	1	5	8	-	3	-	-	33	75	145
Limehouse - - -	343	-	14	-	11	6	-	2	-	2	29	87	162
Mile End Old Town - - -	626	-	22	2	15	7	-	6	-	-	59	170	152
Poplar - - -	957	-	21	3	18	19	-	3	-	6	99	216	138
South.													
St. Saviour - - -	157	-	2	-	11	1	-	1	-	2	19	33	176
St. George-the-Mar.Southw.	422	-	2	15	14	-	-	-	-	2	61	88	150
Newington - - -	797	-	16	1	30	72	-	3	-	6	78	174	158
St. Olave - - -	77	-	-	2	2	-	-	-	-	1	7	10	110
Bermondsey - - -	511	-	3	2	22	10	1	3	-	5	49	124	147
Rotherhithe - - -	206	-	-	3	3	9	1	1	-	-	27	37	107
Lambeth - - -	1,547	-	4	11	40	49	-	11	-	5	157	297	121
Battersea - - -	739	-	4	2	23	12	-	4	-	3	67	186	133
Wandsworth - - -	836	-	1	6	19	35	-	4	-	3	59	154	110
Camberwell - - -	1,142	-	18	6	24	46	-	10	-	7	105	214	110
Greenwich - - -	851	-	8	4	14	16	-	1	-	9	74	187	123
Lee - - -	148	-	8	3	2	3	-	1	-	-	6	23	98
Lewisham (excluding Penge)	342	-	2	1	14	3	-	2	-	4	25	58	97
Woolwich - - -	212	-	-	2	5	3	-	-	-	1	32	40	125
Plumstead - - -	200	-	-	3	-	2	-	-	-	-	23	46	97

In the above Table all deaths of persons in, or on the way to, Hospitals and other Public Institutions, as well as those of persons under treatment in surgical homes, or dying by accident or otherwise in the streets, have been distributed, as far as practicable, to the sanitary areas in which the deceased had previously resided. The deaths of 455 London residents who died outside Registration London in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, the City of London Lunatic Asylum at Stone, and the Metropolitan Hospitals and Asylums, have been similarly distributed. In 551 cases the previous residence was outside Registration London, and these have been excluded from the Table.

## GREATER LONDON.

In Greater London 3589 births and 2427 deaths were registered, corresponding to annual rates of 28.7 and 19.4 per 1000 of the estimated population. In the Outer Ring 13 deaths from measles, 2 from scarlet fever, 10 from diphtheria, 15 from whooping-cough, 4 from "fever," and 1 from diarrhoea were registered. Five deaths from measles, 3 from diphtheria, and 6 from whooping-cough occurred in West Ham district; 8 deaths from measles occurred in Edmonton district.



## METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·73 inches, and that of the Thermometer 48°·9; the latter being 2°·9 above the week's average in the 50 years 1841-90. The direction of the wind was south-westerly, the horizontal movement of the air being 64 per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 25·3 hours; the measured rainfall amounted to 0·49 inch.

## RETURNS OF LONDON WATER COMPANIES.

The LONDON WATER COMPANIES have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of March 1899. The supply was in the ratio of 217 gallons to one service.

COMPANIES.	Number of Services.		Daily Supply of Water in Gallons.	
	MARCH, 1898.	MARCH, 1899.	MARCH, 1898.	MARCH, 1899.
TOTAL SUPPLY - - -	856,797	876,889	191,352,836	189,893,201
From Thames - - - - -	412,483	420,765	102,094,580	101,380,666
From Lea and from other Sources - - -	444,314	456,124	89,258,256	88,512,535
THAMES.				
Chelsea - - - - -	37,887	38,164	10,956,631	11,579,680
West Middlesex - - - - -	82,121	83,718	19,600,037	19,519,956
Southwark and Vauxhall - - - - -	121,421	122,499	31,584,403	30,732,262
Grand Junction - - - - -	62,116	64,003	18,283,667	17,518,420
Lambeth - - - - -	108,938	112,381	21,669,842	22,030,348
LEA AND OTHER SOURCES.				
New River - - - - -	163,480	166,003	32,693,727	33,905,835
East London - - - - -	193,887	199,653	41,597,143	38,663,000
Kent - - - - -	86,947	90,468	14,967,386	15,943,700

Note.—The Return for March 1899, as compared with that for the corresponding month of 1898, shows an increase of 20,092 services and a decrease of 1,459,635 gallons of water supplied daily.

## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING MARCH, 1899.

*Water-analysis Laboratory, The Yews, Reigate,*

*1st April, 1899.*

SIR,

I HAVE to report to you the results of the chemical analysis, and of the physical and bacterioscopic examination of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of March.

These examinations include (a) the bacterioscopic and chemical condition of the raw river waters at the intakes of the various Companies, and (b) the bacteriology of the water as it issues from the filter beds of each Company, and before it is pumped into the distributing mains.

I append, also, the results obtained in the analysis of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill, of Birmingham, and Dr. Mills, of Glasgow.

Taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December 1876, as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies was:—Kent 0·8, New River 1·2, East London (deep well) 1·5, East London (river supply) 2·0, Chelsea 2·3, Southwark and Lambeth 2·7, Grand Junction 3·4, and West Middlesex 5·1.

The unfiltered waters contained the following proportions:—Thames at Hampton 4·5, New River Cut 1·9, and Lea at Angel Road 4·9.

The Thames at Hampton was, on the 9th of March, turbid and yellow in colour. It was of good chemical but bad bacterial quality. The water supplied by the five Companies drawing from this river was, in every case, efficiently filtered before delivery; and was of good chemical quality for dietetic and all domestic purposes. The bacterial improvement effected by the storage and filtration plant of all the Thames Companies was excellent. The Chelsea Company removed 99·97 per cent., the West Middlesex 99·89, the Southwark (general supply) 99·55, (No. 5 filter) 99·03, Grand Junction (Hampton filters) 99·39, (Kew filters) 99·74 (South filter at Kew) 99·89, and Lambeth 99·83 per cent. Notwithstanding these high percentage results, the Grand Junction Company's filtered water at Hampton slightly exceeded the standard of 100 microbes per c.c., and the Southwark Company's No. 5 filter considerably surpassed this standard.



# *Analysis of Metropolitan Waters.*

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

	COMPANIES OR LOCAL AUTHORITIES.	Date and Place of Collection.	Temperature in Centigrade degrees	Total Solid Matter.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen as Ni- trates and Nitrites.	Total Combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.		°								
	(Unfiltered water) -	{ March 9th, Grand Junction Co.'s intake at Hampton. }	6.1	30.60	.215	.048	.006	.243	.296	1.8	21.2
	Chelsea - - -	{ March 14th, Cab Rank, Horse Guards, Whitehall. }	6.5	30.64	.113	.021	0	.365	.386	1.7	21.8
	West Middlesex -	{ March 14th, Cab Rank, Riding House- street. }	8.2	30.34	.277	.021	0	.310	.334	1.7	21.2
	Southwark - - -	{ March 14th, Cab Rank, St. George's Church, Borough. }	7.0	31.04	.135	.021	0	.325	.346	1.7	22.1
	Grand Junction -	{ March 14th, Cab Rank, Portman- street, Oxford-street. }	6.8	32.18	.171	.027	0	.337	.364	1.7	22.7
	Lambeth - - -	{ March 14th, Cab Rank, St. George's- road, Southwark. }	6.8	31.28	.141	.019	0	.332	.351	1.7	22.1
	LEA.										
	(Unfiltered water) -	{ March 13th New River Cut at Green Lanes. }	9.3	33.68	.096	.016	.005	.285	.305	2.0	20.6
	New River - - -	{ March 14th, Cab Rank, Tottenham Court-road. }	7.2	33.16	.061	.012	0	.315	.327	1.9	20.9
Outer Circle.	(Unfiltered water) -	{ March 13th, E. London Co.'s intake at Angel-road. }	8.2	37.20	.248	.039	.004	.259	.301	2.0	23.1
	East London - - -	{ March 14th, Cab Rank, Sidney-street, E. }	8.2	36.94	.104	.012	0	.322	.334	2.1	22.7
	DEEP WELLS.										
	Kent - - - -	{ March 14th, Police Station, Blackheath-road. }	13.3	41.38	.040	.008	0	.473	.481	2.2	26.9
	East London - - -	{ March 20th, Chingford Pumping Station. }	—	30.00	.080	.009	.018	trace	.024	2.2	20.6
	Corporation of Birming- ham* - - - -	{ March 11th, Rear of 214 and 215 Monument Road. }	6.7	32.80	.160	.040	.001	.350	.391	2.8	17.5
	Corporation of Glasgow†	{ March 15th, Loch Katrine water. }	6.1	2.84	.119	.021	0	.004	.025	0.7	1.3
	Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

\* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers contained in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus:—The Thames water collected on the 9th March at the Grand Junction Company's intake at Hampton had a temperature of 6.1° C.; 100,000 lbs. of it contained 30.60 lbs. of solid matter in solution; the organic substances, constituting a portion of this matter, contained .215 lb. of carbon and .048 lb. of nitrogen. The above quantity of water also contained .006 lb. of ammonia and .243 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was .296 lb. The above weight of water also contained 1.8 lb. of chlorine, and 21.2 lbs. of carbonate of lime, or an equivalent amount of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operations transform the hardness in the Table into degrees of hardness on Clark's scale.



CITIES AND BOROUGH.	POPULATION estimated middle of the Year 1899.*	Registered during the Week ending 8th April 1899.		The DEATHS registered in the Week include										TEMPERATURE OF THE AIR.								RAINFALL.		CITIES AND BOROUGH.	
		BIRTH.	DEATHS.	Deaths of		Deaths from							Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes of Death.	From All Causes.	From Diseases in Cols. 6-12.	Mean.				In Inches.	In Cent.		
				1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.						Violence.	High.	Low.	Fahrenheit.				Centigrade.
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.
33 TOWNS.	11,404,408	6480	4755	975	1371	-	85	22	75	125	39	33	194	380	1054	69	217	17	634	330	479	883	050	127	33 TOWNS.
LONDON.	4,646,752	2554	1816	341	579	-	29	8	34	58	6	11	89	189	534	13	208	17	604	348	489	939	049	124	LONDON.
WEST HAM.	300,241	146	94	26	22	-	4	1	2	5	2	1	1	6	9	3	163	26	049	348	489	939	049	124	WEST HAM.
CROYDON.	127,759	67	52	12	21	-	-	-	-	5	-	-	1	1	12	12	212	26	620	378	492	953	030	076	CROYDON.
BRIGHTON.	123,226	62	65	10	27	-	-	1	2	1	-	1	2	5	10	1	275	21	558	434	483	906	037	094	BRIGHTON.
PORTSMOUTH.	190,741	97	71	10	15	-	2	-	4	-	-	-	2	4	12	16	194	16	570	440	491	950	032	081	PORTSMOUTH.
PLYMOUTH.	100,337	50	48	13	16	-	-	-	-	2	-	-	1	4	1	10	249	10	400	472	472	844	059	150	PLYMOUTH.
BRISTOL.	320,911	181	118	24	40	-	-	-	-	4	1	1	4	11	22	1	192	08	562	400	472	844	059	150	BRISTOL.
CARDIFF.	185,826	65	42	8	11	-	-	-	1	2	1	-	2	3	5	1	118	11	-	-	-	-	-	-	CARDIFF.
SWANSEA.	103,722	63	38	6	10	-	-	-	3	1	1	-	2	3	9	1	191	25	-	-	-	-	-	-	SWANSEA.
WOLVERHAMPTON.	88,821	53	68	15	16	-	-	-	-	1	2	-	4	6	12	1	309	12	634	359	4484	911	061	155	WOLVERHAMPTON.
BIRMINGHAM.	514,956	318	294	48	53	-	5	-	3	3	1	3	12	19	40	6	237	15	-	-	-	-	-	-	BIRMINGHAM.
NORWICH.	113,266	69	45	13	13	-	-	1	1	-	1	-	1	4	7	1	207	14	-	-	-	-	-	-	NORWICH.
LEICESTER.	213,351	117	78	20	26	-	-	1	4	2	-	1	4	5	17	-	190	17	-	-	-	-	-	-	LEICESTER.
NOTTINGHAM.	239,384	132	93	24	30	-	2	1	1	1	1	1	2	5	13	-	203	13	625	370	486	922	055	140	NOTTINGHAM.
DERBY.	106,401	60	50	4	18	-	-	-	-	-	2	-	-	-	10	-	245	10	-	-	-	-	-	-	DERBY.
BIRKENHEAD.	115,162	80	44	9	15	-	-	-	1	4	-	-	-	-	6	1	199	25	-	-	-	-	-	-	BIRKENHEAD.
LIVERPOOL.	694,212	394	312	45	80	-	2	-	4	3	4	1	16	26	92	16	257	12	578	373	486	811	043	109	LIVERPOOL.
BOLTON.	162,231	96	50	12	14	-	1	1	1	-	-	-	5	2	10	1	161	03	-	-	-	-	-	-	BOLTON.
MANCHESTER.	543,502	359	270	54	53	-	25	1	-	6	-	5	6	16	57	1	259	35	-	-	-	-	-	-	MANCHESTER.
SAFORD.	218,244	137	103	20	25	-	2	-	-	1	4	2	3	4	21	-	249	14	-	-	-	-	-	-	SAFORD.
OLDHAM.	150,772	65	72	15	24	-	-	1	2	1	-	1	1	1	11	-	281	46	-	-	-	-	-	-	OLDHAM.
BURNLEY.	113,081	37	61	14	18	-	-	2	1	4	2	1	-	1	13	3	258	15	-	-	-	-	-	-	BURNLEY.
BLACKBURN.	135,154	69	67	18	19	-	2	-	-	2	-	2	-	1	11	3	222	22	-	-	-	-	-	-	BLACKBURN.
PRESTON.	117,622	54	50	13	15	-	-	-	-	4	-	1	1	1	7	5	222	22	-	-	-	-	-	-	PRESTON.
HUDDESFIELD.	103,464	48	43	10	14	-	1	-	1	2	1	-	1	1	5	-	217	25	561	330	456	756	076	133	HUDDESFIELD.
HALIFAX.	97,721	50	50	10	20	-	-	-	1	2	1	-	1	2	3	2	267	21	-	-	-	-	051	130	HALIFAX.
BRADFORD.	236,241	89	93	19	22	-	-	-	-	2	1	-	3	4	14	3	205	07	598	350	488	933	-	-	BRADFORD.
LEEDS.	423,880	248	181	54	42	-	6	-	-	1	2	-	9	21	21	3	223	16	-	-	-	-	-	-	LEEDS.
SHEFFIELD.	361,169	226	146	37	35	-	-	1	7	2	4	-	2	11	28	5	211	23	590	-	467	817	054	137	SHEFFIELD.
HULL.	234,270	154	103	30	24	-	1	1	-	7	7	1	5	8	12	1	229	22	590	350	467	817	054	137	HULL.
SUNDERLAND.	145,613	103	67	15	22	-	2	-	1	3	1	-	3	5	15	-	166	18	-	-	-	-	-	-	SUNDERLAND.
GATESHEAD.	106,552	82	34	10	6	-	-	-	-	1	1	-	1	1	10	-	221	11	-	-	-	-	-	-	GATESHEAD.
NEWCASTLE.	228,625	155	97	16	21	-	1	-	-	3	1	-	5	1	15	2	221	11	-	-	-	-	-	-	NEWCASTLE.



TABLE 2. LONDON.—Births and Deaths Registered in the FOURTEENTH Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2676	2329	2820	2448	2566	2682	2731	2629	2577	2415	2722.2	2554
Males - -	1408	1204	1468	1246	1275	1324	1390	1322	1259	1230	1331.1	1289
Females - -	1268	1125	1352	1202	1291	1358	1341	1307	1318	1185	1341.1	1265
<b>TOTAL Deaths -</b>	1572	1419	1722	1812	1683	1587	1597	1522	1501	1691	1694.6	1816
Males - -	807	720	914	953	884	836	868	767	787	881	835.6	908
Females - -	765	699	808	859	799	751	729	755	714	810	809.0	908

\*The numbers in this column are the average weekly numbers in the fourteenth week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Jan. 14.	Jan. 21.	Jan. 28.	Feb. 4.	Feb. 11.	Feb. 18.	Feb. 25.	Mar. 4.	Mar. 11.	Mar. 18.	Mar. 25.	Apr. 1.	Apr. 8.
<b>TOTAL Births</b>	-	2435	2811	2686	2802	2862	2752	2676	2627	2613	2480	2609	2554
<b>TOTAL Deaths</b>	-	1568	1503	1381	1690	1991	1686	1875	1925	1954	2099	2025	1922
<b>Ages at Death</b>													
Under 1 year	-	320	289	234	330	430	328	351	395	368	376	370	377
1-5 years	-	177	169	168	191	210	201	245	229	266	278	272	224
5-20 "	-	87	78	87	78	109	101	104	91	105	106	89	90
20-40 "	-	223	220	167	224	252	204	248	249	229	238	230	212
40-60 "	-	331	327	298	358	399	321	364	377	375	436	423	380
60-80 "	-	346	341	305	417	472	426	433	434	487	518	514	494
80 years and upwards	-	84	79	72	92	119	105	130	100	124	147	145	115
<b>Deaths from—</b>													
Small pox	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	-	27	30	21	22	21	27	32	36	38	35	33	37
Scarlet Fever	-	8	8	12	8	7	4	7	7	9	7	4	8
Diphtheria	-	34	30	31	32	49	40	29	48	36	45	37	31
Whooping-cough	-	37	40	36	50	45	38	55	64	55	73	90	57
Typhus	-	-	-	-	1	-	-	1	-	-	-	-	-
Enteric Fever	-	10	16	15	10	20	16	13	9	9	7	4	9
Simple Continued Fever	-	-	-	-	-	-	-	-	-	-	-	-	1
Diarrhoea and Dysentery	-	11	10	8	10	15	11	10	12	13	8	11	7
Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>All the above Diseases</b>	-	127	134	123	133	157	136	147	176	160	175	179	146
<b>Dis. of Respiratory System—</b>													
Phthisis	-	363	295	266	348	481	413	484	470	539	565	604	505
Dis. of Circulatory System—	-	179	154	144	189	192	154	175	206	201	209	182	139
Violence	-	152	153	121	165	194	156	172	183	174	193	181	195
Inquest Cases	-	77	74	80	74	69	79	68	76	80	75	56	63
Deaths in Public Institutions—	-	171	142	161	152	178	168	151	182	190	184	163	155
<b>TEMPERATURE OF THE AIR.</b>													
Mean	-	45.0	47.4	38.2	35.5	47.4	45.6	40.7	38.0	40.2	42.5	32.2	50.1
Mean of Highest readings	-	50.7	51.9	43.2	40.1	51.7	51.7	43.2	47.7	49.4	52.4	40.9	59.0
Mean of Lowest readings	-	39.8	41.9	33.7	30.6	42.7	39.9	34.0	28.3	31.1	33.8	24.8	43.2
<b>Humidity of the Air</b>	-	83	84	80	83	83	82	81	79	73	87	68	77
<b>Rain-fall (in inches)</b>	-	1.03	1.00	0.08	0.18	1.19	0.72	0.02	0.04	0.07	0.00	0.11	0.37
<b>Registered Sunshine (in hours)</b>	-	20.3	9.3	35.8	7.4	10.5	22.0	28.9	34.1	43.7	19.7	31.3	19.5
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox	-	1	-	-	-	-	2	-	2	1	-	1	1
Scarlet Fever	-	2777	2749	2679	2665	2612	2537	2575	2581	2540	2437	2355	2322
Diphtheria	-	1257	1304	1368	1377	1373	1403	1394	1371	1313	1261	1200	1165
Enteric Fever	-	250	243	249	229	233	231	215	207	193	183	173	148

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrothesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. 3. obber Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FOURTEENTH Week of the Year 1899.

[illegible]

numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Where cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the death is not certified by a registered practitioner, the case is returned under the heading "no statement," evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of murder, manslaughter or suicide. All such cases are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered in each SUB-DISTRICT during the Week ending Saturday, 8th April, 1899.

REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	The DEATHS registered during the Week include															
				Deaths of		Deaths from													
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.		
LONDON	4,411,710	2554	1816	341	579	-	29	8	34	58	-	6	-	11	89	189	534		
WEST DISTRICTS	778,251	370	325	65	105	-	-	2	3	14	-	1	-	1	12	32	84		
NORTH DISTRICTS	1,040,894	567	410	72	136	-	13	3	9	10	-	3	-	1	17	33	110		
CENTRAL DISTRICTS	233,635	142	83	14	19	-	-	-	1	1	-	1	-	1	13	12	38		
EAST DISTRICTS	716,334	500	338	73	105	-	7	-	3	13	-	1	-	2	29	67	119		
SOUTH DISTRICTS	1,642,796	975	623	117	198	-	9	3	18	20	-	-	-	3	23	45	146		
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*	-	-	37	-	16	-	-	-	-	-	-	-	-	1	-	4	37		
WEST DISTRICTS.																			
St. Mary Paddington } G. & W.	90,996	42	41	3	18	-	-	-	-	1	-	-	-	-	2	4	11		
WHH																			
St. John Paddington H - G.	33,510	5	9	1	4	-	-	-	-	-	-	-	-	-	3	3	4		
Kensington Town Ww - W.	122,164	58	60	12	23	-	-	-	-	4	-	-	-	-	2	4	15		
Brompton HH - W. & C.	48,301	11	19	2	4	-	-	-	-	2	-	-	-	-	-	1	5		
North Hammersmith H* } W. & G.	44,638	22	9	2	4	-	-	-	-	1	-	-	-	-	-	1	-		
South Hammersmith H* } W. & G.	59,561	37	25	9	6	-	-	-	-	-	-	1	-	-	1	3	4		
Fulham Ww - W. & C.	113,781	81	55	17	17	-	-	2	2	4	-	-	-	1	-	3	14		
Chelsea Kensal Town - C.	21,450	11	6	1	-	-	-	-	-	-	-	-	-	-	1	1	-		
Chelsea North WHHHH - C.	42,067	17	15	3	3	-	-	-	-	2	-	-	-	-	-	1	3		
Chelsea South HH - C.	33,139	19	19	5	10	-	-	-	-	-	-	-	-	-	-	3	1		
May Fair W - G.	23,827	5	16	1	6	-	-	-	-	-	-	-	-	-	-	-	10		
Belgrave WHHH - C.	56,140	23	16	3	5	-	-	-	-	-	-	-	-	-	1	4	3		
St. John Westminster HH - C.	31,492	21	9	2	-	-	-	-	-	-	-	-	-	-	1	2	2		
St. Margaret Westminster H - C.	22,097	3	11	1	2	-	-	-	1	-	-	-	-	-	1	1	8		
St. James Westminster } N. & G.	23,050	9	8	1	2	-	-	-	-	-	-	-	-	-	-	-	4		
WHH																			
St. Anne Soho HHHHHH - N.	12,048	6	7	2	1	-	-	-	-	-	-	-	-	-	-	1	-		
NORTH DISTRICTS.																			
All Souls Marylebone } - W.	36,595	11	17	3	4	-	-	-	-	1	-	-	-	-	2	2	9		
HHHHHHH																			
Rectory Marylebone W } G. & W.	19,798	6	9	-	4	-	-	-	-	-	-	-	-	-	-	1	-		
St. Mary Marylebone } G. & W.	19,637	28	11	2	3	-	-	-	-	-	-	-	-	-	2	1	2		
HHHH																			
Christchurch Marylebone H - W.	32,547	12	12	4	2	-	1	-	-	1	-	-	-	-	-	2	-		
St. John Marylebone HHH W.	32,611	23	10	1	5	-	-	-	-	-	-	-	-	-	-	-	-		
Hampstead } - N. & W.	75,449	40	40	7	9	-	1	2	4	1	-	2	-	-	2	3	18		
WwHHHH																			
Regent's Park Pancras HH - W.	37,341	22	8	-	2	-	-	-	-	-	-	-	-	-	-	1	1		
Tottenham-court } - N. & W.	26,757	14	18	3	3	-	-	-	1	-	-	-	-	-	-	1	11		
wHHHH																			
Gray's Inn Lane HHH - N.	29,426	16	17	3	4	-	1	-	-	1	-	-	-	-	1	1	7		
Somers Town HH - N.	32,161	25	11	3	3	-	-	-	-	-	-	-	-	-	-	1	-		
Camden Town WH - N.	16,669	14	9	2	5	-	1	-	-	1	-	-	-	-	-	-	7		
Kentish Town WW - N.	98,410	39	30	4	8	-	2	-	1	1	-	-	-	1	1	2	9		
Upper Holloway } - N.	98,273	60	49	7	17	-	1	-	-	1	-	-	-	-	3	4	28		
WWWWHH																			
Islington South-west H - N.	107,365	70	34	7	13	-	-	-	-	2	-	-	-	-	-	1	3		
Islington South-east - N.	66,549	41	19	7	4	-	-	-	-	-	-	-	-	-	-	-	-		
Highbury HH - N.	64,577	29	13	4	3	-	1	-	-	-	-	-	-	-	-	-	-		
Stoke Newington H - N.	33,485	13	10	-	6	-	-	-	-	-	-	-	-	-	-	-	-		
North Hackney - E. & N.		22	14	2	11	-	-	-	-	-	-	-	-	-	-	1	1		
Central Hackney ww - E. & N.		27	19	2	3	-	1	-	3	-	-	1	-	-	-	1	3	4	
South-west Hackney HHH E. & N.	213,044	36	26	6	9	-	4	-	-	-	-	-	-	-	1	4	2		
South-east Hackney WwH E. & N.		19	34	5	18	-	-	1	-	1	-	-	-	-	2	3	12		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein; namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies which supply the different Sub-districts: G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

\* The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and were re-named North Hammersmith and South Hammersmith, respectively.

See note \* on second page of this Return.



TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday 8th April, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation.  1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include																Deaths in Public Institutions	Un- certified Deaths	Causes of
				Deaths of		Deaths from										Lequest Cases	Violence					
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.								
CENTRAL DISTRICTS.																						
George Bloomsbury - - N.	16,110	4	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-		
Giles South WH - - N.	12,976	16	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	4	-		
Giles North H - - N.	2,151	10	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-		
Martin-in-the-Fields HHN. & C.	13,077	3	8	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-		
Grand WHH - - N.	11,839	1	10	1	1	-	-	-	-	1	-	-	-	-	-	-	-	2	4	-		
Grand Union Workhouse, Edmonton	11,037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Colborn wHHHHHH - - N.	31,042	19	18	2	2	-	-	-	-	-	1	-	1	-	-	-	-	1	2	9		
James Clerkenwell - - N.	15,777	7	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-		
St. James Clerkenwell - - N.	34,356	26	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. James-street - - N.	16,069	15	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. James-road HHHH - - N.	29,597	31	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-		
Whitecross-street - - N.	7,595	3	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. James-bury - - N.	4,035	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-		
Colborn Union Workhouse, Mitcham - -	1,892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph H - - N. & E.	6,870	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph's-legate - - N.	3,299	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre WH - - N.	9,591	2	12	1	3	-	-	-	-	-	-	-	-	-	-	-	-	1	11	-		
St. Sepulchre's Barking - - N.	9,059	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre's Street H - - N.	2,892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre's City of London Asylum, Stone - -	1,388	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
EAST DISTRICTS.																						
St. Sepulchre's South HI - - E. & N.	17,975	12	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre's New Town w - - N.	29,575	25	17	3	8	-	1	-	-	-	-	-	-	-	-	-	-	1	7	-		
St. Sepulchre's Old Town - - N.	27,645	19	7	2	4	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-		
St. Sepulchre's Wagerston WH - - N. & E.	47,163	32	33	11	12	-	-	-	-	-	1	-	-	-	-	-	-	1	3	15		
St. Sepulchre's Green North H - - E.	49,301	42	12	4	3	-	-	-	-	-	2	-	-	-	-	-	-	1	2	-		
St. Sepulchre's Green South - - E.	34,194	19	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-		
St. Sepulchre's Green East WHH - - E.	45,067	19	27	5	8	-	1	-	-	-	-	-	-	-	-	-	-	2	2	15		
St. Sepulchre's Fields - - E. & N.	26,681	20	5	3	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-		
St. Sepulchre's End New Town* WH - - E.	51,995	26	52	8	16	-	-	-	-	-	-	-	1	-	-	-	-	8	14	40		
St. Sepulchre's End Woodman's Fields* - - E.	51,995	15	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-		
St. George's North - - E.	39,576	42	14	6	1	-	1	-	1	2	-	-	-	-	-	-	-	2	5	-		
St. John, St. George East W E.	7,930	7	17	3	6	-	-	-	-	-	-	-	-	-	-	-	-	1	3	9		
St. George's Hadwell H - - E. & N.	10,434	7	10	1	1	-	-	-	-	-	-	-	-	-	-	-	-	2	5	3		
St. George's Hatcliff W - - E.	14,954	8	7	4	1	-	-	-	-	-	-	-	-	-	-	-	-	2	3	-		
St. George's Limehouse - - E.	32,917	18	8	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. George's End Old Town West H E.	111,060	53	18	3	3	-	2	-	-	2	-	-	-	-	-	-	-	2	6	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	1	4	-	-	-	-	-	-	-	1	7		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town East WHW - E.	111,060	20	24	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's End Old Town West WHW - E.	111,060	20	24	3	8	-	-</															



TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 8th April, 1899.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu-merated Popu-lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include																
						Deaths of		Deaths from														
						Infants under 1 Year of Age.	Persons aged 15 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.				
LONDON—OUTER RING						368,749	1,422,063	1035	611	119	200	-	13	2	10	15	4	1	24	42	68	6
30: 1	Carshalton <i>wHH</i>	12,228	26,108	16	7	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
2	Epsom, <i>part of</i> * <i>WwHH</i>	10,423	12,508	2	7	-	3	-	-	-	-	-	-	-	-	-	-	-	-	4	-	
37: 1	Godstone, <i>part of</i> * <i>W</i>	2,754	1,598	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
38: 1	Croydon <i>WwHHH</i>	20,851	128,699	76	67	15	29	-	-	-	-	-	1	-	-	-	-	2	3	16	-	
2	Mitcham <i>w</i>	11,697	23,072	18	9	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
39: 1	Wimbledon <i>HHH</i>	3,220	25,777	22	12	2	4	-	-	-	-	-	-	-	-	-	-	2	3	-	-	
2	Kingston <i>WH</i>	-	33,566	27	9	2	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
3	Surbiton <i>H-</i>	14,672	12,178	5	7	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
4	Esher, <i>part of</i> * <i>HH</i>	-	11,080	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Hampton <i>HL</i>	4,565	18,252	16	7	-	4	-	-	-	-	-	-	-	-	-	1	1	-	-	1	
40: 1	Richmond <i>WH-</i>	2,160	25,389	13	10	1	5	-	-	-	-	-	-	-	-	-	-	1	1	2	-	
2	Mortlake <i>H</i>	2,823	16,159	10	6	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	
41: 1	Bromley <i>HHH</i>	9,127	23,815	12	10	3	3	-	-	-	-	1	-	-	-	-	-	-	-	1	-	
2	Beckenham <i>H-</i>	6,542	21,969	7	5	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Chislehurst, <i>part of</i> * <i>WHH</i>	14,307	20,372	12	9	-	7	-	-	-	-	-	-	-	-	-	-	-	1	6	-	
42: 1	Bexley <i>HHH</i>	12,540	30,590	39	20	6	6	-	-	-	-	-	1	-	-	-	-	-	1	-	-	
2	Dartford <i>WH, part of</i> *	-	-	-	2	-	1	-	-	-	-	-	-	1	-	-	-	-	-	2	-	
124: 1	Sunbury <i>w</i>	11,054	13,671	10	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Staines <i>WH</i>	13,277	13,221	5	5	-	2	-	-	-	-	-	2	-	-	-	-	-	-	-	-	
125: 1	Hillingdon <i>WHH</i>	6,035	12,237	5	8	-	1	-	-	-	-	-	1	-	-	-	-	-	2	3	-	
2	Uxbridge	12,757	7,253	4	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes <i>wH-</i>	7,952	11,051	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
126: 1	Isleworth <i>WHH</i>	6,967	26,004	10	14	2	6	-	-	-	-	-	-	-	-	-	-	1	1	2	-	
2	Twickenham <i>HH</i>	2,415	16,027	9	8	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Brentford <i>HHHH</i>	4,318	37,777	25	15	2	6	-	-	-	-	-	-	-	-	-	-	-	1	1	-	
4	Chiswick	1,245	21,963	14	8	2	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
5	Acton <i>wHH</i>	6,132	30,945	26	22	3	7	-	-	-	-	-	1	-	-	-	-	1	1	2	1	
127: 1	Harrow <i>HHH</i>	13,809	15,715	10	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Edgware <i>HH</i>	6,994	3,844	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden <i>HHH</i>	4,383	61,265	57	24	6	4	-	-	-	-	2	1	-	-	-	-	-	-	2	-	
4	Hendon <i>WH</i>	8,382	15,843	8	5	1	1	-	-	-	-	-	-	-	-	-	-	1	1	3	-	
128: 1	South Mimms <i>HH</i>	-	6,367	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet <i>WHH</i>	21,077	14,152	3	4	1	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
3	Finchley <i>HHH</i>	4,688	25,820	8	6	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
129: 1	Hornsey <i>HH</i>	3,039	61,097	28	18	2	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Tottenham <i>HH-</i>	4,642	97,174	66	42	8	14	-	-	2	-	-	1	-	-	-	-	2	6	2	-	
3	Edmonton <i>WwW</i>	7,489	36,351	38	20	3	9	-	-	-	-	-	-	-	-	-	-	-	2	2	-	
4	Enfield <i>WwHH</i>	12,602	31,536	22	15	3	3	-	-	5	-	-	-	1	-	-	-	-	1	-	-	
5	Waltham Abbey	11,017	6,066	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt <i>H</i>	8,480	9,620	17	6	4	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
135: 1	Hatfield, <i>part of</i> * <i>W-</i>	3,306	582	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
137: 1	Bushey <i>H</i>	9,331	7,737	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Watford <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
186: 1	Stratford <i>H</i>	-	38,612	25	12	5	2	-	-	-	-	-	1	-	-	-	-	1	1	-	-	
2	Plaistow <i>WHHH</i>	-	53,030	53	34	11	7	-	-	-	2	-	1	-	-	-	1	1	1	3	2	
3	Canning Town <i>H</i>	-	54,750	34	26	9	3	-	-	1	-	-	3	2	-	-	-	4	4	-	-	
4	Fore & Gate <i>w</i>	-	53,511	34	16	1	6	-	-	1	-	1	-	-	-	-	-	-	-	-	-	
5	East Ham <i>wHH</i>	3,266	32,713	64	22	5	5	-	-	1	-	-	1	-	-	-	-	-	2	-	-	
6	Leyton <i>WwWwH</i>	4,334	70,188	48	33	5	11	-	-	1	-	1	-	-	-	-	-	-	2	10	-	
7	Walthamstow <i>HHH-</i>	6,501	57,330	59	21	6	5	-	-	-	-	-	-	-	-	-	-	2	2	-	-	
187: 1	Chigwell, <i>part of</i> * <i>HHHH</i>	11,779	12,941	3	8	1	4	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
2	Epping <i>WH, part of</i> *	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
189: 1	Romford, <i>part of</i> * <i>WH</i>	6,556	4,324	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Ilford	8,493	10,913	22	3	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
3	Barking Town, <i>H</i>	3,814	14,301	19	7	1	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
	Western Fever Hospital, Fulham.	-	-	-	2	-	-	-	-	-	-	1	1	-	-	-	-	-	-	2	-	
	Middlesex County Asylum, Wandsworth.	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warringtonham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in Hatfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Infectious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.



TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 8th April, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE OF MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include :													Deaths in Public Institutions.	
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from												
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.					
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.				
GREATER LONDON	443,421	6,528,434	19·4	1·5	2427	460	779	-	42	10	44	73	10	12	113	602				
INNER LONDON -	74,672	4,546,752	20·8	1·7	1816	341	579	-	29	8	34	58	6	11	89	534				
OUTER RING -	368,749	1,981,682	16·1	1·2	611	119	200	-	13	2	10	15	4	1	24	68				

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
EDINBURGH -	298,927	April	8	191	102	17·8	-	4	1	-	9	-	1
GLASGOW -	733,903	"	8	500	311	22·1	-	9	1	2	6	-	10
DUBLIN -	349,594	"	8	159	220	32·8	-	2	-	3	5	5	
CALCUTTA -	466,460	January	28	-	-	-	-	-	-	-	-	-	-
BOMBAY -	821,764	March	14	-	-	-	-	-	-	-	-	-	-
MADRAS -	452,518	February	24	298	330	37·9	-	11	?	?	?	37	81†
PARIS -	2,511,629	April	1	1206	1393	28·8	-	32	5	4*	16	10	64
BRUSSELS -	551,011	"	1	268	261	24·5	-	3	1	1*	3	4	12
AMSTERDAM -	512,758	March	25	309	158	16·0	-	1	-	1	2	1	-
ROTTERDAM -	311,301	"	25	211	122	20·4	-	-	1	2	-	-	-
THE HAGUE -	196,325	"	25	105	82	21·4	-	3	-	-	1	-	-
COPENHAGEN -	345,000	April	1	191	149	22·5	-	4	2	-	3	-	3
STOCKHOLM -	283,550	March	25	145	143	26·2	-	10	1	10*	2	-	5
CHRISTIANIA -	203,337	April	1	142	63	16·1	-	-	-	1	2	-	3
ST. PETERSBURG	1,132,677	"	1	-	-	-	-	-	-	-	-	-	-
MOSCOW -	988,610	March	25	-	561	29·6	8	12	3	6	2	2	42
BERLIN -	1,805,054	"	18	925	705	20·3	-	3	12	11	8	1	23
HAMBURG -	675,351	April	1	-	235	18·1	-	-	-	-	3	-	3
DRESDEN -	388,300	February	4	233	136	18·2	-	-	-	2*	1	1	17
BRESLAU -	406,012	"	11	271	161	21·5	-	2	-	2*	1	-	17
MUNICH -	445,000	April	1	-	176	22·6	-	1	5	2	-	-	14
VIENNA -	1,606,629	"	1	-	-	25·1	-	-	-	1*	2	-	22
PRAGUE -	380,497	March	25	-	-	-	-	-	-	-	-	-	-
BUDA-PESTH -	666,722	"	25	456	367	28·6	-	9	3	-	-	3	11
TRIESTE -	165,913	"	18	98	81	25·4	-	-	1	3*	-	-	-
ROME -	500,610	"	25	-	-	-	-	-	-	-	-	-	-
TURIN (10 days)	344,203	"	10	193	231	24·5	-	-	-	2	11	1	2
VENICE -	169,883	"	25	85	119	36·5	-	7	-	2*	3	1	6
CAIRO -	570,062	-	-	-	-	-	-	-	-	-	-	-	-
ALEXANDRIA -	319,766	-	-	-	-	-	-	-	-	-	-	-	-
NEW YORK (including BROOKLYN)	3,550,053	March	18	1498	1222	18·0	1	14	18	30	6	4	10
PHILADELPHIA -	1,266,832	"	18	-	520	21·4	-	1	1	12	2	4†	14

\* Including deaths from croup.

† Including 1 death from cholera.

1899. MONTH AND DAY		TEMPERATURE.		TEMPERATURE.		TEMPERATURE.		Wind as deduced from Anemometers.		Rain collected in a Glass whose receiving surfaces are above ground.															
		Phases of the Moon.	Mean daily reading (corrected and reduced to 32° Fahrenheit).	Of the Air.	Of the Dew point.	Difference between the Air and Dew point Temperature.	Degree of Humidity (ratio equals 100).	Of Radiation.	Of the Barib below the Surface.	General Direction.	Pressure on the Square Foot.	Robinson's.													
		High-est.	Low-est.	Daily Range.	Mean daily value.	De-parture from Average 50 years.	Mean daily value.	Great-est.	Least.	Highest in Sun's Rays.	Lowest in Grass.	°	°	°	°	°	°	°	°	°	°	°	°	°	
APRIL.																									
SUNDAY	- 2	In. 29.928	47.7	10.3	50.1	+ 4.4	48.7	1.4	9.1	0.0	95	94.2	45.0	44.92	WSW & SW.	SW & SSW.	Miles. 204	in. 0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MONDAY	- 3	Last Quarter.	46.3	13.9	51.5	+ 5.5	42.2	9.3	14.4	1.5	71	109.7	41.0	45.27	SSW & WSW.	SSW.	335	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2
TUESDAY	- 4	..	45.2	10.9	50.6	+ 4.4	46.3	4.3	7.0	0.0	85	94.8	40.2	45.79	WSW & SSW.	WSW.	434	0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
WEDNESDAY	- 5	..	43.0	16.2	50.9	+ 4.7	39.9	11.0	17.1	3.4	68	108.6	39.0	46.11	WSW & W.	WSW & SSW.	543	0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9
THURSDAY	- 6	Perigee	47.8	12.6	53.3	+ 7.1	42.6	10.7	21.7	1.3	67	109.5	43.1	46.30	SW & W.	SW.	402	0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
FRIDAY	- 7	..	43.4	8.4	46.1	0.0	41.4	4.7	7.9	1.9	84	79.2	41.1	46.55	SSW & NNW.	NNW.	739	0.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
SATURDAY	- 8	In Equator	34.8	12.3	39.9	- 6.0	32.3	7.6	14.1	0.0	74	102.9	32.9	46.75	WNW & W.	WNW.	664	0.0	1.8	1.8	1.8	1.8	1.8	1.8	1.8
MEANS	-	29.731	44.0	12.1	48.9	+ 2.9	41.3	7.0	13.0	1.2	77	100.0	40.3	45.91	SW.		Sum 333.1	Sum 0.49	..	..	..	..	..	..	..
No. of Column	-	3	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	28	

The results apply to the civil day or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea ; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1880, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The values given in column 17 are not corrected for the index error of the thermometer. The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:-P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29.93 in. at the beginning of the week to 29.87 in. by 4h. A.M. on the 3rd; increased to 30.00 in. by 7h. A.M. on the 4th; decreased to 29.82 in. by 6h. P.M. on the same day; increased to 30.06 in. by 1h. P.M. on the 5th; decreased to 29.84 in. by 2h. A.M. on the 6th; increased to 29.94 in. by 10h. A.M. on the same day; decreased to 29.99 in. by noon on the 7th; and increased to 29.96 in. by the end of the week.

DATE.		ELECTRICITY.		REGISTERED SUNSHINE IN HOURS.		SUN ABOVE HORIZON, IN HOURS.		GENERAL REMARKS.	
APRIL.		(For explanation of symbols, see Note.)							
SUNDAY	- 2	w. P. throughout	-	1.6	12.9	Generally overcast; fine in afternoon.			
MONDAY	- 3	w. P. throughout	-	2.6	13.0	Generally overcast till afternoon; fine afterwards. Cloudless at night.			
TUESDAY	- 4	w. P. throughout	-	0.5	13.1	Generally overcast till evening with rain in afternoon; fine afterwards.			
WEDNESDAY	- 5	w. P. till 9h. P.M.; w. P. and v. N. afterwards.	-	7.3	13.2	Very fine till 3h. P.M.; cloudy afterwards with gentle showers at night. Solar halo observed at 1h. P.M.			
THURSDAY	- 6	w. P. and w. N. till 1h. P.M.; v. N. afterwards.	-	5.9	13.2	Cloudy and showery in morning; fine and partially cloudy till 4h. P.M.; overcast with frequent rain afterwards. Solar halo observed at noon.			
FRIDAY	- 7	v. P. and v. N. generally.	-	0.7	13.3	Generally overcast; frequent rain. Strong gusty wind.			
SATURDAY	- 8	w. P. till 10h. A.M.; v. P. and v. N. till 9h. P.M.; w. P. afterwards.	-	6.7	13.3	Fine in morning; variable with heavy squalls of wind, accompanied by rain, sleet, and snow till evening; fine afterwards. Bright parhelia observed at 5h. P.M.			
No. of Col.	-	Sum 25.3	Sum 92.0	28	29				

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1899.



# WEEKLY RETURN

## OF

# BIRTHS AND DEATHS IN LONDON

## AND IN

# THIRTY-TWO OTHER GREAT TOWNS

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No. 15. 1899. VOL. LX.] WEEK ENDING SATURDAY, APRIL 15. [Price 1½d.

General Register Office, Somerset House,  
April 17th, 1899.

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 19·5 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Mar. 25.	Apr. 1.	Apr. 8.	Apr. 15.		Mar. 25.	Apr. 1.	Apr. 8.	Apr. 15.
33 Great Towns	23·1	23·1	21·7	19·5	Leicester - -	19·8	18·8	19·0	17·3
Birkenhead -	23·1	24·9	19·9	17·2	Liverpool - -	26·1	28·6	25·7	24·7
Birmingham -	22·1	28·8	23·7	24·0	London - - -	23·2	22·0	20·8	18·6
Blackburn - -	25·1	26·6	25·8	18·1	Manchester - -	33·4	31·8	25·9	28·3
Bolton - - -	22·5	23·8	16·1	19·9	Newcastle-on-Tyne	19·4	22·6	22·1	17·3
Bradford - -	21·6	21·4	20·5	17·0	Norwich - - -	20·7	23·9	20·7	18·0
Brighton - -	21·2	21·2	27·5	27·1	Nottingham - -	20·5	22·7	20·3	18·5
Bristol - - -	18·0	21·3	19·2	17·2	Oldham - - -	32·9	30·4	24·9	24·6
Burnley - - -	24·0	24·4	28·1	20·3	Plymouth - - -	27·5	23·3	24·9	19·7
Cardiff - - -	13·2	13·2	11·8	11·2	Portsmouth - -	20·8	21·3	19·4	18·0
Croydon - - -	19·6	17·1	21·2	14·3	Preston - - -	19·9	21·7	22·2	18·6
Derby - - -	22·5	19·1	24·5	19·1	Salford - - -	28·0	22·9	24·6	21·5
Gateshead - -	19·6	20·1	16·6	21·5	Sheffield - - -	23·8	25·3	21·1	17·0
Halifax - - -	22·4	26·7	26·7	19·2	Sunderland - -	21·1	23·3	24·0	22·6
Huddersfield -	16·1	20·2	21·7	21·7	Swansea - - -	23·1	21·6	19·1	18·1
Hull - - - -	19·4	20·3	22·9	19·1	West Ham - - -	17·4	17·5	16·3	13·0
Leeds - - - -	25·0	22·1	22·3	16·6	Wolverhampton -	29·4	19·4	39·9	26·4

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·6 in Bolton, and 3·0 in Manchester; from *scarlet fever*, 1·1 in Halifax and in Bradford; from *whooping-cough*, 1·0 in Oldham, 1·5 in Huddersfield, 1·7 in Cardiff, 2·1 in Plymouth, and 2·3 in Birkenhead and in Burnley; and from *diarrhoea*, 1·4 in Salford. In none of the thirty-three towns did the death-rate from "*fever*" reach 1·0 per 1000. The 55 deaths from *diphtheria* included 20 in London, 7 in Sheffield, 4 in West Ham, 4 in Liverpool, 3 in Portsmouth, and 3 in Leeds. Two deaths from *small-pox* were registered in Hull, but not one in any other of the thirty-three towns.

### LONDON.

In LONDON† 2875 BIRTHS and 1624 DEATHS were registered. Allowing for increase of population, the births were 247 above, and the deaths 78

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.  
† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

below, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 23·2, 22·0, and 20·8 in the preceding three weeks, further fell last week to 18·6. During the four weeks ending on Saturday last the death-rate averaged 21·2 per 1000, being 1·3 per 1000 above the mean rate in the corresponding periods of the ten years 1889-98.

The 1624 deaths included 34 from measles, 6 from scarlet fever, 20 from diphtheria, 54 from whooping-cough, 14 from enteric fever, 4 from diarrhoea and dysentery, 1 from cholera, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 133 deaths were referred to these diseases, being 82 below the corrected average weekly number.

The deaths from *measles*, which had been 33, 37, and 29 in the preceding three weeks, rose again last week to 34, but were 45 below the corrected average; 6 cases belonged to St. Pancras, and 5 to Islington sanitary areas. The deaths from *scarlet fever*, which had been 4, 4, and 8 in the preceding three weeks, fell again last week to 6, and were 9 below the corrected average. The deaths from *diphtheria*, which had been 37, 31, and 34 in the preceding three weeks, fell again last week to 20, and were 16 below the corrected average; 3 cases belonged to St. Pancras, and 3 to Lewisham sanitary areas. The deaths from *whooping-cough*, which had been 90, 57, and 58 in the preceding three weeks, fell again last week to 54, and were 10 below the corrected average; 9 cases belonged to Islington, and 7 to Newington sanitary areas. The fatal cases of *enteric fever*, which had been 4, 9, and 6 in the preceding three weeks, rose again last week to 14, and were 8 above the corrected average; 2 cases belonged to St. Pancras, and 2 to Hackney sanitary areas. The deaths from *diarrhoea*, which had been 11, 7, and 11 in the preceding three weeks, fell again last week to 4, and were 10 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 604, 505, and 470 in the preceding three weeks, further fell last week to 343, and were 28 below the corrected average. The deaths attributed directly to *influenza* numbered 78, having been 108, 102, and 84 in the preceding three weeks.

Different forms of violence caused 83 deaths, concerning all but 3 of which inquests were held. Of these 83 deaths, 8 were cases of suicide, and 3 of homicide, while the remaining 72 were attributed to accident or negligence. Seven of these were referred to vehicles in the streets, 1 to a conflagration, 10 others to burns and scalds, 1 to the effects of chloroform administered for surgical purposes, and 12 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3 cases of small-pox, 2126 cases of scarlet fever, 1068 of diphtheria, and 129 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 163 cases, against 177, 167, and 150; of diphtheria, 108 cases, against 110, 121, and 103; and of enteric fever, 16 cases, against 15, 13, and 13.

#### GREATER LONDON.

In Greater London 4047 births and 2101 deaths were registered, corresponding to annual rates of 32·3 and 16·8 per 1000 of the estimated population. In the Outer Ring 11 deaths from measles, 2 from scarlet fever, 12 from diphtheria, 17 from whooping-cough, 1 from "fever," and 5 from diarrhoea were registered. Seven deaths from measles, 6 from diphtheria, and 5 from whooping-cough occurred in West Ham district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·31 inches, and that of the Thermometer 43°·9; the latter being 2°·0 below the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 15 per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 21·9 hours; the measured rainfall amounted to 1·27 inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Small-pox, Scarlet Fever, Diphtheria, Enteric Fever, or Typhus respectively; but in a considerable proportion of cases the diagnosis found after sojourn in the Hospital to have been erroneous.



CITIES AND BOROUGH.	POPULATION to the middle of the Year 1895.*	Registered during the Week ending 14th April 1895.		Deaths from												Deaths of		The DEATHS registered in the Week include												TEMPERATURE OF THE AIR.				RAINFALL.	CITIES AND BOROUGH.
		BIRTHS.	DEATHS.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Typh.	Diarrhoea.	Violence.	Deaths in Public Institutions.	Causes of Death.	From All Causes.	From Diseases in Cols. 6-12.	Highest.	Lowest.	Fahrenheit.	Fahrenheit.	Mean.	In Cent.	In Inches.													
																							1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.		
Col.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Col.										
33 TOWNS	11,404,408	7623	4267	910	1136	2	93	34	55	126	37	27	165	314	961	59	195	17	613	300	427	594	093	244	33 TOWNS.										
LONDON	4,546,752	2875	1624	320	464	-	34	6	20	54	14	4	83	156	509	6	186	15	613	312	439	661	127	323	LONDON.										
WEST HAM	300,241	204	75	19	15	-	4	-	4	3	-	1	3	3	16	1	130	21	-	-	439	661	127	323	WEST HAM.										
CROYDON	127,759	66	35	6	13	-	-	1	1	1	-	-	2	5	4	-	143	12	300	440	667	093	236	CROYDON.											
BRIGHTON	123,226	88	64	12	32	-	-	1	-	1	-	-	3	3	8	-	271	08	350	450	722	067	170	BRIGHTON.											
PORTSMOUTH	190,741	117	66	15	20	-	2	1	3	1	-	2	1	3	13	-	180	25	-	-	-	-	-	PORTSMOUTH.											
PLYMOUTH	100,337	75	38	7	11	-	-	-	-	4	-	-	-	-	8	-	197	21	-	-	-	-	-	PLYMOUTH.											
BRISTOL	320,911	231	106	21	37	-	2	-	1	5	-	2	2	9	22	1	172	16	540	345	434	633	095	241	BRISTOL.										
CARDIFF	185,826	126	40	14	9	-	-	-	-	6	1	-	2	2	7	-	112	20	-	-	-	-	-	-	CARDIFF.										
SWANSEA	103,722	62	36	7	6	-	-	-	2	-	-	1	2	2	2	-	131	15	-	-	-	-	-	-	SWANSEA.										
WOLVERHAMPTON	88,821	71	45	10	11	-	-	-	-	-	1	-	-	-	11	-	264	06	543	313	428	600	109	277	WOLVERHAMPTON.										
BIRMINGHAM	514,856	434	237	53	61	-	7	-	2	4	3	1	5	7	46	5	240	17	-	-	427	594	135	267	BIRMINGHAM.										
NORWICH	113,266	70	39	6	19	-	-	-	-	2	-	-	1	2	4	8	1	173	12	320	427	594	135	267	NORWICH.										
LEICESTER	213,851	127	71	18	18	-	-	2	2	1	-	-	3	9	9	2	185	09	560	335	419	550	072	183	LEICESTER.										
NOTTINGHAM	239,384	159	85	23	29	-	-	-	-	3	1	-	1	4	3	-	191	05	-	-	-	-	-	-	NOTTINGHAM.										
DERBY	106,401	73	39	9	15	-	-	-	1	-	-	-	4	5	7	1	172	23	-	-	-	-	-	-	DERBY.										
BIRKENHEAD	115,162	93	38	13	7	-	-	-	-	5	-	-	1	4	5	7	172	23	-	-	-	-	-	-	BIRKENHEAD.										
LIVERPOOL	634,212	474	300	58	61	-	2	1	4	3	4	2	12	21	81	14	247	13	513	374	423	572	104	264	LIVERPOOL.										
BOLTON	162,221	106	62	10	14	-	5	2	-	-	1	-	3	4	5	-	199	26	-	-	-	-	-	-	BOLTON.										
MANCHESTER	543,402	480	285	63	48	-	31	2	1	8	2	1	12	26	64	4	283	43	-	-	-	-	-	-	MANCHESTER.										
SALFORD	218,244	167	90	20	12	-	2	-	-	-	3	6	1	1	5	-	246	14	-	-	-	-	-	-	SALFORD.										
OLDHAM	150,772	93	71	19	16	-	-	-	-	3	-	1	1	1	5	-	246	14	-	-	-	-	-	-	OLDHAM.										
BURNLEY	113,081	62	44	16	10	-	-	2	-	5	-	2	2	1	4	-	203	42	-	-	-	-	-	-	BURNLEY.										
BLACKBURN	135,154	80	47	13	13	-	-	1	-	2	1	2	1	2	5	1	181	15	-	-	-	-	-	-	BLACKBURN.										
PRESTON	117,622	71	42	9	11	-	-	-	1	2	1	-	4	4	4	3	186	18	-	-	-	-	-	-	PRESTON.										
HUDDESFIELD	103,464	55	43	8	17	-	-	-	-	3	-	-	2	2	1	3	217	15	505	305	399	439	099	251	HUDDESFIELD.										
HALIFAX	97,721	45	36	4	12	-	-	2	-	-	-	-	-	2	8	1	192	11	-	-	-	-	-	-	HALIFAX.										
BRADFORD	236,241	109	77	14	21	-	-	5	1	2	-	1	2	7	17	-	170	20	514	320	415	528	088	224	BRADFORD.										
LEEDS	423,880	281	135	30	36	-	5	4	3	4	-	-	4	10	13	-	166	20	-	-	-	-	-	-	LEEDS.										
SHEFFIELD	361,169	258	118	29	33	-	-	1	7	3	3	1	5	4	21	6	170	17	-	-	-	-	-	-	SHEFFIELD.										
HULL	234,270	168	86	17	25	2	1	2	1	3	2	-	4	5	13	3	226	25	-	-	-	-	-	-	HULL.										
SUNDERLAND	145,613	107	63	17	14	-	2	1	-	1	-	-	1	4	4	4	215	10	-	-	-	-	-	-	SUNDERLAND.										
GATESHEAD	106,552	81	44	11	8	-	1	-	-	1	-	-	-	1	4	-	215	10	-	-	-	-	-	-	GATESHEAD.										
NEWCASTLE	228,625	135	76	19	18	-	-	-	1	-	-	-	3	5	16	2	173	02	-	-	-	-	-	-	NEWCASTLE.										

\* See note \* on first page of this return.



TABLE 2. LONDON.—Births and Deaths Registered in the FIFTEENTH Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2509	2360	2716	2187	2667	2600	2380	2682	2250	2623	2627.6	2875
Males - -	1292	1154	1345	1112	1313	1338	1233	1414	1144	1336	1334.2	1529
Females - -	1217	1206	1371	1075	1354	1262	1147	1268	1106	1287	1293.4	1346
<b>TOTAL Deaths</b>	1493	1619	1766	1590	1631	1609	1622	1727	1413	1648	1701.6	1624
Males - -	777	842	978	836	894	815	817	883	752	863	890.3	865
Females - -	716	777	788	754	787	794	805	839	661	785	811.3	759

\*The numbers in this column are the average weekly numbers in the fifteenth week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Jan. 21.	Jan. 28.	Feb. 4.	Feb. 11.	Feb. 18.	Feb. 25.	Mar. 4.	Mar. 11.	Mar. 18.	Mar. 25.	Apr. 1.	Apr. 8.	Apr. 15.		
TOTAL Births	-	-	2811	2686	2606	2802	2862	2752	2676	2627	2613	2480	2609	2554	2875
TOTAL Deaths	-	-	1503	1381	1690	1901	1686	1875	1925	1954	2099	2025	1922	1816	1624
Ages at Death	Under 1 year	-	289	284	330	430	328	351	395	363	376	370	377	341	320
	1-5 years	-	169	163	191	210	201	245	229	266	278	272	224	203	195
	5-20 "	-	78	87	78	109	101	104	91	105	106	89	90	99	79
	20-40 "	-	220	167	224	252	204	248	249	229	238	230	212	227	225
	40-60 "	-	327	296	358	399	321	364	387	375	436	423	380	367	341
	60-80 "	-	341	305	417	472	426	433	474	487	518	514	494	464	378
80 years and upwards	-	79	72	92	119	105	130	100	124	147	127	145	115	86	
Deaths from—															
Small pox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	-	-	30	21	22	21	27	32	36	38	35	33	37	29	34
Scarlet Fever	-	-	8	12	8	7	4	7	7	9	7	4	4	8	6
Diphtheria	-	-	30	31	32	49	40	29	48	36	45	37	31	34	20
Whooping-cough	-	-	40	36	50	45	38	55	64	55	73	90	57	58	54
Typhus	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-
Enteric Fever	-	-	16	15	10	20	16	13	9	9	7	4	9	6	14
Simple Continued Fever	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Diarrhoea and Dysentery	-	-	10	8	10	15	11	10	12	13	8	11	7	11	4
Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
All the above Diseases	-	-	134	123	133	157	136	147	176	160	175	179	146	146	133
Dis. of Respiratory System—															
Phthisis	-	-	295	266	348	481	413	484	470	529	565	604	505	470	343
Dis. of Circulatory System	-	-	154	144	189	192	154	175	206	201	209	182	139	174	173
Violence	-	-	153	121	165	194	166	172	183	174	198	181	195	152	147
Inquest Cases	-	-	74	80	74	69	79	68	76	80	75	66	63	89	83
Deaths in Public Institutions	-	-	142	161	152	178	166	151	182	190	184	163	155	189	156
TEMPERATURE OF THE AIR.															
Mean	-	-	47.4	38.2	36.5	47.4	45.6	46.7	38.0	40.2	42.5	32.2	50.1	48.9	43.9
Mean of Highest readings	-	-	51.9	43.2	40.1	51.7	51.7	48.2	47.7	49.4	52.4	40.9	59.0	56.1	52.2
Mean of Lowest readings	-	-	41.9	33.7	30.6	42.7	39.9	34.0	28.3	31.1	33.8	24.8	43.2	44.0	37.2
Humidity of the Air	-	-	84	80	83	83	82	81	79	73	87	63	77	77	80
Rain-fall (in inches)	-	-	1.00	0.08	0.18	1.19	0.72	0.02	0.04	0.07	0.00	0.11	0.37	0.49	1.27
Registered Sunshine (in hours)	-	-	3.3	35.8	7.4	10.5	22.0	18.9	34.1	43.7	19.7	31.3	19.5	25.3	21.9
CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.															
Small-pox	-	-	1	-	-	-	2	2	2	1	1	1	1	1	3
Scarlet Fever	-	-	2749	2679	2665	2642	2587	2375	2584	2540	2437	2355	2332	2235	2126
Diphtheria	-	-	1304	1368	1377	1373	1403	1394	1374	1313	1261	1200	1165	1126	1068
Enteric Fever	-	-	243	249	229	223	231	215	207	193	183	173	148	139	129

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. O. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Prestor; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTEENTH Week of the Year 1899.

USES OF DEATH	Corrected Averages for the 15th Week of the 10 years 1889-98*.	In the Week ending Saturday, 15th April 1899.								CAUSES OF DEATH	Corrected Averages for the 15th Week of the 10 years 1889-98*.	In the Week ending Saturday, 15th April 1899.							
		Deaths of Persons of the Ages										Deaths of Persons of the Ages							
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.
			0-1.	1-5.	5-20.								0-1.	1-5.	5-20.				
USES - - -	1701·6	1624	320	195	79	225	341	378	86	Diseases of Circulatory System - - -	144·4	147	3	1	6	25	43	64	5
- { Vaccinated -	-	-	-	-	-	-	-	-	-	Croup - - - -	5·5	3	1	2	-	-	-	-	-
- { Unvaccinated -	0·1	-	-	-	-	-	-	-	-	Bronchitis - - - -	185·4	182	34	15	-	5	32	79	17
- { No Statement -	0·2	-	-	-	-	-	-	-	-	Pneumonia - - - -	147·6	125	34	31	3	16	19	18	4
- { Fever - - - -	78·9	34	8	24	2	-	-	-	-	Pleurisy - - - -	7·2	6	-	-	1	3	2	-	-
- { - - - -	14·9	6	1	2	2	1	-	-	-	Other Diseases of Respiratory System -	25·3	27	4	4	1	4	6	8	-
- { - - - -	0·3	-	-	-	-	-	-	-	-	Dentition - - - -	11·2	6	3	3	-	-	-	-	-
- { - - - -	20·5	78	7	4	2	13	21	35	6	Quinsy, Sore Throat -	1·4	2	-	1	1	-	-	-	-
- { - - - -	63·5	34	22	30	2	-	-	-	-	Enteritis - - - -	11·5	15	3	1	3	4	1	2	1
- { - - - -	36·4	20	1	12	7	-	-	-	-	Peritonitis - - - -	6·0	4	-	-	1	-	3	-	-
- { Continued and -	0·2	-	-	-	-	-	-	-	-	Diseases of Liver -	26·6	28	-	2	-	5	15	6	-
- { Defined Fever -	6·1	14	-	-	2	9	3	-	-	Other Diseases of Digestive System -	30·0	23	5	1	4	2	2	7	2
- { - - - -	0·3	1	1	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands - - - -	2·5	2	-	-	-	1	1	-	-
- { - - - -	14·2	4	3	1	-	-	-	-	-	Diseases of Urinary System - - - -	52·1	43	-	-	1	5	13	22	2
- { - - - -	0·1	-	-	-	-	-	-	-	-	Diseases of Generative System -	5·8	5	-	-	-	3	1	1	-
- { - - - -	0·1	-	-	-	-	-	-	-	-	Accidents of Childbirth -	4·8	6	-	-	-	6	-	-	-
- { - - - -	0·1	-	-	-	-	-	-	-	-	Diseases of Locomotive System - - - -	6·8	7	-	-	1	2	1	3	-
- { - - - -	0·2	-	-	-	-	-	-	-	-	Diseases of Integumentary System - - - -	6·0	5	1	-	-	-	2	2	-
- { - - - -	11·2	6	6	-	-	2	-	-	-	VIOLENT DEATHS* (ACCIDENT.)									
- { - - - -	5·2	2	-	-	-	-	-	-	-	By Railways - - - -		2	-	-	-	-	2	-	-
- { - - - -	1·2	1	1	-	-	-	-	-	-	By Vehicles or Horses -		7	-	2	-	4	1	-	-
- { - - - -	4·4	4	-	-	-	3	1	-	-	In Ships, Boats, Docks, (exclusive of Drowning) -		-	-	-	-	-	-	-	-
- { - - - -	2·4	3	-	1	1	-	-	1	-	In Building Operations -		1	-	-	1	-	-	-	-
- { - - - -	0·6	1	1	-	-	-	-	-	-	In Conflagrations -		1	-	-	-	-	1	-	-
- { - - - -	0·5	3	-	-	1	2	-	-	-	By Burns, Scalds, Explosions -	53·4	10	-	5	1	2	1	1	-
- { - - - -	1·5	2	1	1	-	-	-	-	-	By Drowning - - - -		5	-	-	-	2	3	-	-
- { - - - -	11·0	10	-	-	-	4	3	3	-	By Suffocation in Bed -		12	12	-	-	-	-	-	-
- { - - - -	6·9	6	-	1	1	2	1	1	-	By Poisons or Poisonous Vapours -		4	-	-	3	1	-	-	-
- { - - - -	3·3	3	-	-	-	3	-	-	-	Other or not stated causes - - - -		30	5	2	1	6	10	4	2
- { - - - -	3·3	4	-	-	-	1	-	2	1	(VIOLENCE OTHER THAN ACCIDENTAL.)									
- { - - - -	61	8	4	4	-	4	32	7	-	Homicide - - - -	11	3	1	-	-	2	-	-	-
- { - - - -	68·5	72	1	1	-	4	32	28	7	Suicide - - - -	10·5	8	-	-	-	1	4	3	-
- { - - - -	18·5	11	5	4	1	1	-	-	-	Execution - - - -		-	-	-	-	-	-	-	-
- { - - - -	261	17	2	10	4	-	-	-	-	OTHER CAUSES -	53·2	51	39	6	1	1	3	1	-
- { - - - -	160·9	173	3	4	18	66	69	13	-										
- { - - - -	17·4	15	8	4	1	1	-	1	-										
- { - - - -	13·9	13	1	1	1	2	6	2	-										
- { - - - -	50·3	44	44	-	-	-	-	-	-										
- { - - - -	3·1	2	2	-	-	-	-	-	-										
- { - - - -	6·5	14	12	1	1	-	-	-	-										
- { - - - -	51·9	54	-	-	-	-	-	27	27										
- { - - - -	45·6	41	-	-	-	14	22	5	-										
- { - - - -	9·7	5	-	1	2	1	1	-	-										
- { - - - -	45·6	37	31	6	-	-	-	-	-										
- { - - - -	88·3	90	10	8	8	11	21	26	6										
- { - - - -	3·3	2	1	-	1	-	-	-	-										

The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5·213 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical attendants. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the death is not certified by a registered practitioner, the case is returned under the heading "no statement," in the absence of evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of murder, manslaughter or suicide. All such cases are classed under "accident."



TABLE 5. LONDON,\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 15th April, 1899.

The DEATHS registered during the Week include																		
REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from												Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.		
LONDON	4,411,710	2875	1624	320	464	-	34	6	20	54	-	14	-	4	83	156	509	
WEST DISTRICTS.																		
WEST DISTRICTS	778,251	384	278	40	82	-	1	1	4	9	-	3	-	1	9	17	98	
NORTH DISTRICTS	1,040,694	638	376	74	116	-	16	1	4	14	-	5	-	1	16	28	99	
CENTRAL DISTRICTS	233,635	117	74	8	18	-	2	-	-	5	-	1	-	1	4	7	30	
EAST DISTRICTS	716,334	566	295	76	79	-	7	1	2	24	-	1	-	2	25	49	107	
SOUTH DISTRICTS	1,642,796	1140	558	122	154	-	8	3	10	-	-	6	-	-	27	53	132	
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*	-	-	43	-	15	-	-	-	-	-	-	-	-	-	2	2	43	
WEST DISTRICTS.																		
St. Mary Paddington } G. & W.	90,996	40	25	2	11	-	1	-	-	-	-	-	-	1	-	-	3	
WHH																		
St. John Paddington } H - - G.	33,510	3	14	1	4	-	-	-	-	-	-	-	-	-	2	4	5	
Kensington Town } Ww - - W.	122,164	60	57	10	17	-	-	-	-	1	-	-	-	-	1	3	26	
Brompton } HH- - W & C.	48,301	11	10	-	2	-	-	-	-	1	-	-	-	-	-	-	3	
North Hammersmith } H } W. & G.	44,638	33	11	2	6	-	-	-	-	-	-	-	-	-	1	1	5	
South Hammersmith } H } W. & G.	59,561	40	25	3	5	-	-	-	-	4	-	1	-	1	2	3	5	
Fulham } Ww - - W. & C.	113,781	85	46	7	12	-	-	1	3	-	-	1	-	1	2	2	20	
Chelsea Kensal Town - - C.	21,450	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chelsea North } WHHHH - C.	42,057	17	25	4	7	-	-	-	-	-	-	1	-	-	-	-	-	
Chelsea South } HH - - C.	33,139	17	11	4	4	-	-	-	-	1	-	-	-	-	-	2	13	
May Fair } W - - G.	23,827	4	11	-	5	-	-	-	-	-	-	-	-	-	-	-	6	
Belgrave } WHHH - - C.	56,140	20	23	4	6	-	-	-	-	1	-	-	-	-	-	-	10	
St. John Westminster } HH - - C.	31,492	26	6	2	2	-	-	-	-	-	-	-	-	-	2	2	-	
St. Margaret Westminster } H- C.	22,097	6	7	1	-	-	-	-	1	1	-	-	-	-	-	-	6	
St. James Westminster } N. & G.	23,050	7	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
WHH																		
St. Anne Soho } HHHHHH - N.	12,048	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH DISTRICTS.																		
All Souls Marylebone } - - W.	36,595	12	14	1	3	-	-	-	-	-	-	1	-	-	4	4	9	
HHHHHHHH																		
Rectory Marylebone } W } G. & W.	19,798	7	3	-	3	-	-	-	-	-	-	-	-	-	-	-	2	
St. Mary Marylebone } HHHH } G. & W.	19,637	26	7	1	3	-	-	-	-	-	-	-	-	-	-	1	2	
Christchurch Marylebone } H - W.	32,547	17	7	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. John Marylebone } HHH } W.	32,611	17	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
Hampstead } WwHHHH } - N. & W.	75,449	34	25	7	7	-	1	1	1	-	-	-	-	-	2	2	6	
Regent's Park Pancras } HH - W.	37,341	17	9	2	3	-	-	-	-	1	-	1	-	-	-	1	-	
Tottenham-court } wHHHH } - N. & W.	26,757	16	15	2	3	-	-	-	-	-	-	1	-	-	-	-	10	
Gray's Inn Lane } HHH - - N.	29,426	10	18	3	3	-	1	-	-	-	-	-	-	-	1	1	4	
Somers Town } HH - - N.	32,161	27	11	2	2	-	-	-	-	-	-	-	-	-	1	1	2	
Camden Town } WH - - N.	16,669	11	20	6	6	-	4	-	-	2	-	-	-	-	1	1	12	
Kentish Town } WW - - N.	98,410	63	28	7	7	-	1	-	-	1	-	-	-	-	-	-	4	
Upper Holloway } - - N.	98,273	57	58	8	22	-	1	-	-	4	-	-	-	-	2	3	32	
WWWwHH																		
Islington South-west } H - N.	107,365	71	32	7	8	-	2	-	-	1	-	-	-	-	4	6	-	
Islington South-east } - - N.	66,549	53	25	6	9	-	1	-	-	1	-	-	-	-	-	-	-	
Highbury } HH - - N.	64,577	37	23	6	3	-	2	-	-	3	-	-	-	-	-	-	1	
Stoke Newington } H - - N.	33,485	13	7	1	4	-	-	-	-	-	-	-	-	-	-	1	-	
North Hackney } - E. & N.		27	13	2	7	-	-	-	-	1	-	-	-	-	-	2	-	
Central Hackney } ww - E. & N.		29	21	8	5	-	2	-	3	-	-	-	-	-	-	-	3	
South-west Hackney } HHH } E. & N.	213,044	49	9	2	4	-	-	-	-	-	-	-	-	-	-	-	-	
South-east Hackney } WwH } E. & N.		45	26	1	11	-	1	-	-	-	-	2	-	-	2	4	12	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein; namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

\* See note on first page of this Return.  
† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and were re-named North Hammersmith and South Hammersmith, respectively.



LE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday 15th April, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation 1896.	Total Births.	Total Deaths	The DEATHS registered during the Week include															Deaths in Public Institutions.	Uncertified Deaths.	Causes of Death.
				Deaths of		Deaths from															
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Fever.	Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.				
CENTRAL DISTRICTS.																					
George Bloomsbury - - N.	16,116	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Giles South WH - - N.	12,976	19	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
Giles North H - - N.	3,151	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
Martin-in-the-Fields HNN.&C. and WHH - - - N.	13,077 11,839	- 5	9 7	2 1	2 1	-	1	-	-	-	-	-	-	-	1	1	1	7 4	-		
and Union Workhouse, Edmonton	†1,037	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
lbourn WHHHHHHH - - N.	31,042	10	11	-	3	-	-	-	-	1	-	-	-	-	-	-	1	3	-		
James Clerkenwell - - N.	15,777	3	4	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
swell Clerkenwell - - N.	34,356	26	8	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
swell-street - - - N.	16,069	8	2	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-		
y-road HHHH - - - N.	29,897	31	8	1	-	-	-	-	-	-	-	-	-	-	-	1	1	3	-		
itecross-street - - - N.	7,595	5	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
bsbury - - - N.	4,035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
lbourn Union Workhouse, Kitcham - - - }	†592	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Botolph H - - N. & E.	6,870	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
pplegate - - - N.	3,299	1	2	-	1	-	-	-	-	-	-	-	-	-	-	1	2	-	-		
Sepulchre WH - - - N.	9,591	4	13	1	5	-	-	-	-	-	-	-	-	-	-	-	1	10	-		
hallowes Barking - - - N.	9,059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-		
pad Street H - - - N.	2,892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
y of London Asylum, Stone - -	†388	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
EAST DISTRICTS.																					
oreditch South HL - E. & N.	17,975	12	6	3	1	-	-	-	-	1	-	-	-	-	-	-	1	1	-		
oxton New Town w - - N.	29,575	19	11	3	4	-	-	-	-	-	-	-	-	-	-	1	2	6	-		
oxton Old Town - - - N.	27,645	22	7	6	1	-	-	-	-	1	-	-	-	-	-	-	1	1	-		
aggerston WH - - N. & E.	47,163	34	27	7	7	-	1	-	-	-	-	-	-	-	-	2	4	13	-		
ethnal Green North H - E.	49,301	39	18	4	3	-	-	-	-	-	-	-	-	-	-	-	2	2	-		
ethnal Green South - - E.	34,194	24	17	10	2	-	3	-	-	-	-	-	-	-	-	-	1	7	-		
ethnal Green East WH - E.	45,667	32	13	2	8	-	-	-	-	-	-	-	-	-	1	1	3	-	-		
italfields - - - E. & N.	26,681	36	9	4	3	-	-	-	-	-	-	-	-	-	-	-	4	-	-		
ile End New Town* WH - E.	51,995 {	33	31	6	1	-	1	-	1	-	-	-	-	-	-	7	8	26	-		
oodman's Fields* - - E.		21	9	2	3	-	-	-	-	1	-	-	-	-	-	-	-	-	-		
. George's North - - E.	39,576	32	4	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
. John, St. George East W E.	7,930	2	7	1	4	-	-	-	-	-	-	-	-	-	-	-	-	6	-		
adwell H - - E. & N.	10,434	6	4	1	-	-	-	-	-	1	-	-	-	-	-	-	-	3	-		
atcliff W - - - E.	14,954	10	6	1	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-		
mehouse - - - E.	32,917	26	6	2	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-		
ile End Old Town West H E.	111,060 {	66	11	5	2	-	-	-	-	-	-	-	-	-	-	1	3	-	-		
ile End Old Town East } WWww		40	32	7	15	-	-	-	-	-	-	1	-	-	-	-	2	3	10	-	
ow l - - - E.	41,687	32	11	4	2	-	1	-	-	-	-	-	-	-	-	-	1	1	-		
romley wwwH - - E.	69,821	68	50	5	19	-	-	-	-	-	-	-	-	-	-	8	11	31	-		
oplar WW - - E.	57,759	42	16	2	4	-	-	-	-	-	-	-	-	-	-	2	3	1	-		

† Population in 1891, not included in the total population of the Central Districts or of London.

\* Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.



TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 15th April, 1899.

				The DEATHS registered in the Week include																		
REGISTRATION SUB-DISTRICTS.				Area in Acres.	Enu-merated Popu-lation, 1891.	BIRTHS.	DEATHS.	Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
								Infants under 1 Year of Age.	Persons aged 50 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.					
LONDON—OUTER RING				368,749	1,422,063	1172	477	99	148	-	11	2	12	17	1	5	12	27	51	4		
0	1	Carshalton WHH	-	12,228	26,108	15	3	-	2	-	-	-	-	-	-	1	-	1	-	-		
2	2	Epsom, part of* WwHH	-	10,423	12,508	7	3	-	2	-	-	-	-	-	-	-	-	1	-	-		
7	1	Godstone, part of* W	-	2,754	1,598	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
8	1	Croydon WwHHH	-	20,851	128,699	78	45	6	18	-	-	1	1	1	-	-	2	5	5	-		
2	2	Mitcham w	-	11,697	23,072	16	9	2	1	-	-	-	3	-	-	-	-	-	-	-		
9	1	Wimbledon HHH	-	3,220	25,777	20	9	3	5	-	-	-	1	-	-	-	-	-	-	-		
2	2	Kingston WH	-	-	33,566	25	22	3	7	-	-	-	-	-	-	1	1	2	3	-		
3	3	Surbiton H-	-	14,672	12,178	4	1	1	2	-	-	-	-	-	-	-	-	-	-	-		
4	4	Esher, part of* HH	-	-	11,080	6	4	1	2	-	-	-	1	-	-	-	-	-	-	-		
5	5	Hampton HL	-	4,565	18,252	6	7	3	2	-	-	-	-	-	-	-	-	-	-	-		
40	1	Richmond WH	-	2,160	25,389	11	12	2	7	-	-	-	1	-	-	-	-	1	2	-		
2	2	Mortlake H	-	2,823	16,159	12	4	1	2	-	-	-	-	1	-	-	-	1	1	-		
41	1	Bromley HHH	-	9,127	23,815	10	8	3	3	-	-	-	-	-	1	-	-	-	-	-		
2	2	Beckenham H	-	6,542	21,969	17	4	-	4	-	-	-	-	-	-	-	-	-	-	-		
3	3	Chislehurst, part of* WHH	-	14,307	20,372	18	3	-	2	-	-	-	-	-	-	-	-	-	-	-		
42	1	Bexley HHH	-	12,540	30,590	22	11	2	1	-	1	-	-	-	-	-	1	1	-	-		
2	2	Dartford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
24	1	Sunbury w	-	11,054	13,671	14	3	1	2	-	-	-	1	1	-	-	-	-	-	1		
2	2	Staines WH	-	13,277	13,221	12	11	1	5	-	-	-	-	-	-	-	-	-	-	-		
25	1	Hillingdon WHH	-	6,035	12,237	5	3	1	1	-	-	-	-	-	-	-	-	-	-	-		
2	2	Uxbridge	-	12,757	7,253	9	1	1	1	-	-	-	-	-	-	-	1	1	-	-		
3	3	Hayes wH	-	7,952	11,051	8	3	1	1	-	-	-	-	-	-	-	-	-	-	-		
26	1	Isleworth WHH	-	6,967	26,004	19	13	1	5	-	1	-	-	-	-	-	-	-	7	-		
2	2	Twickenham HH	-	2,415	16,027	8	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
3	3	Brentford HHHH	-	4,318	37,777	29	6	2	2	-	-	-	-	-	-	1	-	-	-	-		
4	4	Chiswick	-	1,245	21,963	19	6	2	2	-	-	-	-	-	-	1	-	1	-	-		
5	5	Acton WHH	-	6,132	30,945	42	13	1	5	-	-	-	1	-	-	1	-	-	-	-		
27	1	Harrow HHH	-	13,809	15,715	8	10	2	4	-	-	1	1	-	-	-	-	-	-	-		
2	2	Edgware HH	-	6,994	3,844	1	3	1	1	-	-	-	-	2	-	-	1	2	1	-		
3	3	Willesden HHH	-	4,383	61,265	66	18	2	5	-	-	-	1	1	-	-	-	-	1	-		
4	4	Hendon WH	-	8,382	15,843	14	4	1	2	-	-	-	-	-	-	-	-	-	-	-		
28	1	South Mimms HH	-	21,077	6,367	2	3	2	1	-	-	-	-	-	-	-	-	-	-	-		
2	2	Barnet WHH	-	14,152	11	11	3	1	-	-	1	-	-	-	-	-	-	-	-	-		
3	3	Finchley HHH	-	4,688	25,820	13	11	3	4	-	1	-	1	-	-	-	-	-	-	-		
29	1	Hornsey HH	-	3,039	61,097	32	13	4	3	-	-	-	-	1	-	-	1	3	1	-		
2	2	Tottenham HH	-	4,642	97,174	80	29	5	7	-	-	1	-	-	-	-	1	2	1	-		
3	3	Edmonton WwW	-	7,489	36,351	39	10	2	4	-	-	-	-	-	-	-	1	1	1	-		
4	4	Enfield WWHH	-	12,602	31,536	17	8	-	4	-	1	-	-	-	-	-	-	-	-	-		
5	5	Waltham Abbey	-	11,017	6,066	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
6	6	Cheshunt H	-	8,480	9,620	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
35	1	Hatfield, part of* W	-	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
37	1	Bushey H	-	9,331	7,737	2	3	1	-	-	-	-	-	-	-	-	-	-	1	-		
2	2	Watford WH, part of*	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
38	1	Stratford H	-	-	38,612	29	7	1	2	-	-	-	4	1	-	-	1	1	4	1		
2	2	Plaistow WHHH	-	4,706	59,030	66	22	5	4	-	-	-	1	2	-	1	1	1	2	-		
3	3	Canning Town H	-	-	54,750	67	23	8	-	-	4	-	-	-	-	-	1	1	1	-		
4	4	Forest Gate w	-	-	53,511	42	14	4	6	1	-	-	-	-	-	-	1	1	1	-		
5	5	East Ham WHH	-	3,266	32,713	59	19	6	1	-	2	-	-	1	-	-	1	1	13	-		
6	6	Leyton WwWwH	-	4,334	70,188	68	27	5	9	-	-	-	1	1	-	-	-	-	1	-		
7	7	Walthamstow HHL	-	6,501	57,330	63	18	3	3	-	1	-	-	-	-	-	-	-	-	-		
37	1	Chigwell, part of* HHHH	-	11,779	13,941	11	3	3	-	-	-	-	-	-	-	-	-	1	-	-		
2	2	Epping WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
39	1	Romford, part of* WH	-	6,556	4,324	7	6	1	2	-	-	-	-	-	-	-	-	-	2	-		
2	2	Ilford	-	8,493	10,913	17	4	1	-	-	-	1	-	-	-	-	1	1	-	-		
3	3	Barking Town, H	-	3,814	14,301	17	6	2	-	-	-	-	-	-	-	-	-	-	-	-		
Middlesex County Asylum, Wandsworth.				-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	2	-		
London Co. Lunatic Asy., Cane Hall.				-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-		

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warrlingham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,081); 135: 1, the parish of Northlew in Hatfield sub-district; 187: 1, Chigwell sub-district, except the parishes of Chigwell and Woodford; 187: 2, the parish of Woodford in Romford sub-district; also deaths in Workhouses and Hospitals for (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for infectious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.



TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 15th April, 1899.

GREATER LONDON.	Area in Acres..	Population estimated in the middle of the year 1899.	ANNUAL RATE OF MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include															Deaths in Public Houses.	
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from														
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.							
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10	11.	12.	13.	14.	15.	16						
GREATER LONDON	443,421	6,528,434	16·8	1·4	2101	419	612	-	45	8	32	71	15	9	95	56						
INNER LONDON -	74,672	4,546,752	18·6	1·5	1624	320	464	-	34	6	20	54	14	4	83	50						
OUTER RING -	368,749	1,981,682	12·6	1·3	477	99	148	-	11	2	12	17	1	5	12	5						

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria	Whooping- cough.	Fever.	Diarrhoeal Diseases.	
EDINBURGH -	298,927	April 15	165	103	180	-	2	2	-	3	-	-	
GLASGOW -	733,803	" 15	502	259	184	-	8	3	2	3	1	-	
DUBLIN -	349,594	" 15	252	224	334	-	-	-	2	4	4	-	
CALCUTTA -	466,460	January 28	-	-	-	-	-	-	-	-	-	-	
BOMBAY -	821,764	March 21	174	2358	1492	10	140	?	?	?	1290†	128	
MADRAS -	452,518	" 3	306	320	367	2	7	?	?	?	47	78	
PARIS -	2,511,629	April 8	1177	1311	271	-	36	5	8*	8	7	47	
BRUSSELS -	551,011	" 8	241	180	170	-	5	-	2*	1	2	13	
AMSTERDAM -	512,758	" 1	313	172	174	-	-	-	3	1	-	-	
ROTTERDAM -	311,301	" 1	238	144	241	-	-	-	2	4	3	-	
THE HAGUE -	196,325	" 1	104	82	214	-	1	1	-	-	-	-	
COPENHAGEN -	345,000	" 8	175	133	201	-	3	4	1	-	1	4	
STOCKHOLM -	283,550	" 1	127	129	237	-	7	2	2*	2	-	3	
CHRISTIANIA -	2 3,337	" 8	128	94	240	-	-	1	-	2	-	5	
ST. PETERSBURG	1,132,677	" 1	667	567	261	3	13	9	16	4	30	46	
MOSCOW -	988,610	" 1	-	489	258	3	13	6	5	1	2	40	
BERLIN -	1,805,054	March 25	853	655	188	-	8	9	12	13	-	24	
HAMBURG -	675,351	April 8	-	241	186	-	-	-	3*	4	1	3	
DRESDEN -	389,300	February 18	305	158	211	-	1	1	4*	2	-	10	
BRESLAU -	406,012	April 8	-	188	241	-	-	1	1	-	-	15	
MUNICH -	445,000	" 8	-	228	266	-	-	1	-	3	-	32	
VIENNA -	1,606,629	" 8	1121	799	253	-	19	6	12*	4	3	44	
PRAGUE -	380,497	" 1	200	215	294	-	6	-	3	-	2	3	
BUDA-PESTH -	666,722	" 1	473	325	253	-	10	2	3	-	6	9	
TRIESTE -	165,913	March 25	114	97	304	-	-	3	2*	-	3	-	
ROME -	500,610	" 25	250	193	201	-	-	-	1	4	2	9	
TURIN (10 days)	344,203	" 20	-	-	-	-	-	-	-	-	-	-	
VENICE -	169,883	April 1	69	122	374	-	9	-	1*	2	1	6	
CAIRO -	570,062	February 4	487	356	325	1	-	-	5*	-	10	65	
ALEXANDRIA -	319,766	" 4	303	218	355	-	2	-	2*	-	-	41	
NEW YORK (including BROOKLYN)	3,550,053	March 25	1463	1289	190	-	11	21	25	9	3	14	
PHILADELPHIA -	1,260,832	" 25	-	531	219	-	-	2	21	3	39	4	

\* Including deaths from croup.

† Including 1128 deaths from plague.

‡ Including 7 deaths from cholera.

1899.		TEMPERATURE.										Oiler's.				Robinson's.		Ozone					
Phases of the Moon.	MEYER. Mean daily rising and setting (corrected and reduced to 33° F. on the meridian).	Of the Air.				Of the Air Temperature and Dew Point.		Difference between the Air Temperature and Dew Point.		Degrees in the midday radiation (Scale equals 100°).		Radiation.		Of the Earth 3 feet below the Surface.		Pressure on the Square Foot.		Horizontal Movement of the Air on each Day.	Depar- ture from Average of the Air for 16 Years.	Gauge whose receiving surface is the same as the Ground.			
		High- est.	Low- est.	Daily Range.	Mean daily value.	De- parture from daily value.	Mean daily value.	Great- est.	Least.	Highest in Sun's Ray's.	Lowest on the Grass.	°	°	°	°	°	°				lbs.	lbs.	Miles.
APRIL.																							
SUNDAY - 9	29° 78	52° 6	33° 3	19° 3	45° 5	- 01	38° 4	71	140	20	76	101° 4	29° 4	46° 50	WNW. W. & WSW.	WSW. S.W. & SSW.	37	0° 03	36½	+ 74	0.17		
MONDAY - 10	29° 431	61° 3	42° 8	18° 5	51° 0	+ 55	43° 9	71	143	10	77	106° 3	38° 6	46° 19	WSW. NNW. & NW.	WSW. NNW. & NW.	88	0° 08	515	+ 226	0.33		
TUESDAY - 11	29° 694	48° 5	35° 5	13° 0	40° 2	- 53	33° 8	64	153	23	78	97° 2	31° 5	46° 30	NW. W. & NNW.	N. NNW. & W.	152	0° 04	344	+ 56	0.04		
WEDNESDAY 12	29° 565	53° 8	31° 2	22° 6	41° 3	- 44	33° 0	83	210	07	72	107° 7	28° 0	46° 33	W. WSW. & S.	SW. SSW. & S.	35	0° 01	234	- 54	0.00		
THURSDAY- 13	28° 902	48° 2	37° 1	11° 1	42° 0	- 40	41° 3	07	59	00	97	83° 3	32° 2	46° 04	SSE. & S.	SSE. SE. & ENE.	55	0° 04	334	+ 46	0.28		
FRIDAY - 14	28° 863	48° 0	40° 3	7° 7	42° 6	- 38	38° 8	38	82	04	86	64° 3	39° 0	45° 84	N. NW. & W.	W. & WSW.	23	0° 02	332	+ 43	0.30		
SATURDAY- 15	29° 144	53° 1	40° 0	13° 1	44° 8	- 21	37° 9	69	134	09	77	102° 9	37° 5	45° 70	WNW. WSW.	W. WNW. & NW.	13	0° 00	217	- 73	0.15		
MEANS	29° 312	52° 2	37° 2	15° 0	43° 9	- 20	38° 2	58	132	10	80	94° 7	33° 7	46° 13	Variable		..	..	Sum 2340	Sum + 312	Sum 127	0.9	
No. of Column -	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

The results apply to the civil day, or from midnight to midnight. The height of the cistern of the barometer is 159 feet above the mean level of the sea; correction has been applied to the readings to reduce to sea level.

Correction has been applied to all readings to reduce to sea level. Observations are usually taken at 9 A.M.; noon; 3 P.M.; and 9 P.M. The means of the readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted to mean daily values by the application of corrections as required from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the barometer is combined the corrected mean of the readings of the maximum and minimum thermometers forming the mean daily value of temperature (column 8). The mean daily dew point and the mean daily degree of humidity are deduced on the mean values of the barometer and thermometers (columns 9 and 10).

Many values of theory and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and "lower," than the average. The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; strong; and v. variable.

GENERAL REMARKS.

DATE.		ELECTRICITY. (For explanation of symbols, see Note.)	Registered Sunshine in hours.	Sun above Horizon in hours.
APRIL.				
SUNDAY	- 9	w. P. till 2h. P.M.; v. N. and w. P. after- wards.	5'3	13'4
MONDAY	- 10	w. P. till 3h. P.M.; v. P. and v. N. till 8h. P.M.; w. P. after- wards.	3'9	13'4
TUESDAY	- 11	w. P. and w. N. till noon; v. P. and v. N. till 6h. P.M.; w. P. afterwards.	4'6	13'5
WEDNESDAY	- 12	w. P. generally; s. N. at 5 p.m.	5'6	13'6
THURSDAY	- 13	v. P. and v. N. throughout.	0'1	13'7
FRIDAY	- 14	v. N. and w. P. till noon; w. P. generally afterwards.	0'0	13'7
SATURDAY	- 15	v. P. and v. N. till 6h. A.M.; w. P. after- wards.	2'4	13'8
			Sun 21'9	Sun 95'1
No. of Col. -	-		28	29

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1899.



# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 16. 1899. VOL. LX.] WEEK ENDING SATURDAY, APRIL 22. [Price 1½d.

General Register Office, Somerset House,  
April 24th, 1899.

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 18·3 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Apr. 1.	Apr. 8.	Apr. 15.	Apr. 22.		Apr. 1.	Apr. 8.	Apr. 15.	Apr. 22.
33 Great Towns	23·1	21·7	19·5	18·3	Leicester - -	18·8	19·0	17·3	17·8
Birkenhead -	24·9	19·9	17·2	15·8	Liverpool - -	28·6	25·7	24·7	23·4
Birmingham -	28·8	23·7	24·0	20·8	London - - -	22·0	20·8	18·6	17·2
Blackburn - -	26·6	25·8	18·1	21·6	Manchester - -	31·8	25·9	28·3	22·4
Bolton - - -	23·8	16·1	19·9	20·9	Newcastle-on-Tyne	22·6	22·1	17·3	22·6
Bradford - -	21·4	20·5	17·0	17·2	Norwich - - -	23·9	20·7	18·0	13·4
Brighton - -	21·2	27·5	27·1	22·0	Nottingham - -	22·7	20·3	18·5	18·5
Bristol - - -	21·3	19·2	17·2	18·2	Oldham - - -	30·4	24·9	24·6	20·1
Burnley - - -	24·4	28·1	20·3	12·9	Plymouth - - -	23·3	24·9	19·7	21·8
Cardiff - - -	13·2	11·8	11·2	11·8	Portsmouth - -	21·3	19·4	18·0	15·0
Croydon - - -	17·1	21·2	14·3	15·1	Preston - - -	21·7	22·2	18·6	18·2
Derby - - -	19·1	24·5	19·1	16·7	Salford - - -	22·9	24·6	21·5	18·6
Gateshead - -	20·1	16·6	21·5	16·1	Sheffield - - -	25·3	21·1	17·0	17·8
Halifax - - -	26·7	26·7	19·2	16·0	Sunderland - -	23·3	24·0	22·6	21·1
Huddersfield -	20·2	21·7	21·7	17·1	Swansea - - -	21·6	19·1	18·1	13·1
Hull - - -	20·3	22·9	19·1	16·0	West Ham - - -	17·5	16·3	13·0	18·2
Leeds - - -	22·1	22·3	16·6	19·1	Wolverhampton -	19·4	39·9	26·4	20·0

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·4 in West Ham, 1·9 in Bolton and in Salford, and 2·9 in Manchester; from *whooping-cough*, 1·0 in Oldham and 2·7 in Birkenhead; from "*fever*" 1·4 in Birkenhead; and from *diarrhœa*, 1·1 in Newcastle-on-Tyne and 1·5 in Blackburn. In none of the thirty-three towns did the death-rate from *scarlet fever* reach 1·0 per 1000. The 64 deaths from *diphtheria* included 29 in London, 5 in Sheffield, 4 in Leeds, 4 in Blackburn, 4 in West Ham, 3 in Liverpool, and 3 in Portsmouth. No death from *small-pox* was registered in any of the thirty-three towns.

### LONDON.

In LONDON† 2759 BIRTHS and 1499 DEATHS were registered. Allowing for increase of population, the births were 3 above, and the deaths 193

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.  
† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

below, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 22·0, 20·8, and 18·6 in the preceding three weeks, further fell last week to 17·2. During the four weeks ending on Saturday last the death-rate averaged 19·7 per 1000, which is equal to the mean rate in the corresponding periods of the ten years 1889-98.

The 1499 deaths included 51 from measles, 7 from scarlet fever, 29 from diphtheria, 47 from whooping-cough, 3 from enteric fever, 7 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 144 deaths were referred to these diseases, being 84 below the corrected average weekly number.

The deaths from *measles*, which had been 37, 29, and 34 in the preceding three weeks, further rose last week to 51, but were 35 below the corrected average; 9 cases belonged to Greenwich, 6 to Lambeth, 4 to Hammersmith, and 4 to Lewisham sanitary areas. The deaths from *scarlet fever*, which had been 4, 8, and 6 in the preceding three weeks, were 7 last week, the corrected average being 15; 2 cases belonged to Poplar sanitary area. The deaths from *diphtheria*, which had been 31, 34, and 20 in the preceding three weeks, rose again last week to 29, but were 6 below the corrected average; 4 cases belonged to Hammersmith, 3 to Newington, 3 to Wandsworth, and 3 to Camberwell sanitary areas. The deaths from *whooping-cough*, which had been 57, 58, and 54 in the preceding three weeks, further fell last week to 47, and were 22 below the corrected average; 10 cases belonged to Islington, and 6 to Kensington sanitary areas. The fatal cases of *enteric fever*, which had been 9, 6, and 14 in the preceding three weeks, fell again last week to 3, the corrected average being 7. The deaths from *diarrhœa*, which had been 7, 11, and 4 in the preceding three weeks, rose again last week to 7, but were 7 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 505, 470, and 343 in the preceding three weeks, further fell last week to 277, and were 94 below the corrected average. The deaths attributed directly to *influenza* numbered 39, having been 102, 84, and 78 in the preceding three weeks.

Different forms of violence caused 65 deaths, concerning all but 1 of which inquests were held. Of these 65 deaths, 18 were cases of suicide, while the remaining 47 were attributed to accident or negligence. Five of these were referred to vehicles in the streets, 4 to drowning, and 7 (including 6 of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3 cases of small-pox, 2144 cases of scarlet fever, 1034 of diphtheria, and 125 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 189 cases, against 167, 150, and 163; of diphtheria, 108 cases, against 121, 103, and 108; and of enteric fever, 16 cases, against 13, 13, and 16.

#### GREATER LONDON.

In Greater London 3933 births and 2036 deaths were registered, corresponding to annual rates of 31·4 and 16·3 per 1000 of the estimated population. In the Outer Ring 17 deaths from measles, 3 from scarlet fever, 12 from diphtheria, 11 from whooping-cough, 1 from "fever," and 9 from diarrhœa were registered. Eleven deaths from measles, and 7 from diphtheria occurred in West Ham district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·85 inches, and that of the Thermometer 43°·4; the latter being 4°·7 below the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 39 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 26·5 hours; the measured rainfall amounted to 0·43 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Small-pox, Scarlet Fever, Diphtheria, Enteric Fever, or Typhus respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.



CITIES AND BOROUGH.	POPULATION estimated in the middle of the Year 1899.*	Registered during the Week ending 22nd April 1899.		Deaths of		Deaths from								Deaths in Public Institutions.		Causes of Death.		From All Week's Deaths.		TEMPERATURE OF THE AIR. per 1000		RAINFALL.		CITIES AND BOROUGH.																												
		BIRTHS.	DEATHS.	Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Typh.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Un- certified Causes of Death.	From All Week's Deaths.	From Diseases in Cols. 9-12.	Highest.	Lowest.	Fahrenheit.	Mean.	In Inches.		In Cent.																											
33 TOWNS	11,404,408	7297	3993	895	1043	-	120	20	64	107	31	42	148	292	906	64	18'3	1'8	61'1	25'0	41'8	5'44	0'36	0'91	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	33 TOWNS.	
LONDON	4,546,762	2769	1490	317	411	-	51	7	29	47	3	7	65	152	472	17	17'2	1'7	61'1	30'7	43'4	6'33	0'43	1'39	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	LONDON.	
WEST HAM	300,241	196	105	35	24	-	8	-	4	2	1	2	7	9	25	4	18'2	3'0	-	-	-	-	-	1'39	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	WEST HAM.	
CROYDON	127,769	73	37	12	14	-	-	-	1	1	-	1	1	3	7	-	15'1	1'2	60'5	29'0	42'1	5'61	0'53	1'35	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	CROYDON.	
BRIGHTON	123,296	45	52	12	18	-	-	-	-	2	-	1	6	8	15	-	22'0	1'3	58'4	34'2	43'5	6'39	0'58	1'42	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	BRIGHTON.	
PORTSMOUTH	190,741	108	55	7	20	-	2	-	3	2	2	-	2	2	13	-	15'0	2'5	56'0	34'0	42'7	5'94	0'57	1'45	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	PORTSMOUTH.	
PLYMOUTH	100,637	67	42	8	9	-	-	-	1	-	-	-	2	3	4	-	21'3	0'5	-	-	-	-	-	-	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	PLYMOUTH.	
BRISTOL	320,911	193	112	28	32	-	1	1	-	4	-	5	2	5	18	1	18'2	1'8	54'0	30'0	41'2	5'11	0'91	2'31	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	BRISTOL.	
CARDIFF	185,836	105	42	18	7	-	-	-	1	-	-	2	1	1	1	-	11'8	0'6	-	-	-	-	-	-	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	CARDIFF.	
SWANSEA	103,722	58	26	5	6	-	-	-	1	-	-	-	1	2	4	1	13'1	0'5	-	-	-	-	-	-	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	SWANSEA.	
WOLVERHAMPTON	88,821	62	34	8	10	-	-	-	-	-	1	1	1	2	4	1	20'0	1'2	54'8	28'4	40'9	4'94	0'24	0'61	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	WOLVERHAMPTON.	
BIRMINGHAM	514,956	390	205	57	56	-	3	-	1	3	3	3	5	5	23	6	20'8	1'3	-	-	40'9	4'94	0'24	0'61	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	BIRMINGHAM.	
NORWICH	113,266	91	29	6	12	-	-	-	1	2	-	-	-	8	-	-	13'4	1'4	60'0	32'2	42'7	5'94	0'18	0'46	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	NORWICH.	
LEICESTER	213,851	144	73	15	26	-	-	-	1	1	-	1	4	5	11	1	17'8	0'7	-	-	-	-	-	0'53	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	LEICESTER.	
NOTTINGHAM	239,384	153	85	10	33	-	2	-	1	-	-	-	2	5	16	-	18'5	0'7	57'4	27'3	40'6	4'78	0'21	0'53	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	NOTTINGHAM.	
DERBY	106,401	51	34	6	12	-	-	1	1	-	1	-	-	1	11	-	16'7	1'5	-	-	-	-	-	-	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	DERBY.	
BIRKENHEAD	115,162	72	35	9	7	-	-	-	-	6	3	-	-	1	2	1	15'8	4'1	-	-	-	-	-	-	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	BIRKENHEAD.	
LIVERPOOL	634,212	492	285	60	66	-	3	4	3	4	8	2	8	11	69	13	23'4	2'0	54'9	33'4	42'4	5'78	0'11	0'28	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	LIVERPOOL.	
BOLTON	162,221	108	65	18	11	-	6	-	-	2	1	-	2	7	9	1	20'9	2'9	-	-	42'4	5'78	0'11	0'28	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	BOLTON.	
MANCHESTER	543,002	355	224	55	38	-	30	1	2	7	2	2	3	13	49	2	22'4	4'2	-	-	-	-	-	-	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	MANCHESTER.	
SALFORD	218,244	152	78	20	19	-	8	-	-	3	-	1	2	7	15	1	18'6	2'2	-	-	-	-	-	-	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	SALFORD.	
OLDHAM	150,772	79	58	12	12	-	-	1	-	3	1	-	2	3	11	-	20'1	1'7	-	-	-	-	-	-	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	OLDHAM.	
BURNLEY	113,081	69	28	5	8	-	-	-	1	2	-	1	-	-	2	1	12'9	1'8	-	-	-	-	-	-	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	BURNLEY.	
BLACKBURN	135,154	67	56	14	14	-	1	-	4	2	-	4	1	1	2	7	21'6	4'2	-	-	-	-	-	-	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	BLACKBURN.	
PRESTON	117,622	84	41	11	13	-	-	-	-	1	-	1	1	1	7	2	18'2	0'9	-	-	-	-	-	-	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	PRESTON.	
HUDDESFIELD	103,464	56	34	9	9	-	-	1	-	-	-	-	-	1	1	1	17'1	0'5	53'8	30'3	40'4	4'67	0'04	0'10	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	HUDDESFIELD.	
HALIFAX	97,721	41	30	-	11	-	-	-	-	-	-	-	-	1	2	9	16'0	-	-	-	-	-	-	-	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	HALIFAX.	
BRADFORD	236,241	130	78	17	15	-	1	2	1	3	1	-	3	3	11	1	17'2	1'8	55'2	31'4	41'8	5'44	0'23	0'58	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	BRADFORD.	
LEEDS	423,880	285	155	23	44	-	2	-	4	4	3	1	8	12	30	-	19'1	1'6	-	-	-	-	-	-	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	LEEDS.	
SHEFFIELD	361,169	287	123	32	24	-	1	1	5	5	1	1	6	8	18	3	17'8	2'0	-	-	-	-	-	-	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	SHEFFIELD.	
HULL	234,270	158	72	14	17	-	-	-	-	3	-	1	1	5	6	9	1	16'0	0'9	58'0	25'0	40'0	4'44	0'36	0'91	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	HULL.
SUNDERLAND	145,613	116	59	14	20	-	1	-	-	-	-	-	1	1	2	4	1	21'1	0'7	-	-	-	-	-	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	SUNDERLAND.	
GATESHEAD	106,562	98	33	12	7	-	-	-	-	1	-	-	-	1	1	2	1	16'1	0'5	-	-	-	-	-	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	0.	Colts.	GATESHEAD.	
NEWCASTLE	228,625	153	99	26	18	-	-	1	-	-	-	5	5	9	19	-	22'6	1'4	-	-	-	-	-	-	24.	23.	22.	21.	20.	19.	18.	17.	16.	15.	14																	

\* See note \* on first page of this return.



TABLE 2. LONDON.—Births and Deaths Registered in the SIXTEENTH Week of each of the Eleven Years, 1889–99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889–98.*	1899
<b>TOTAL Births</b>	2488	2735	2577	2494	2660	2457	2677	2836	2499	2769	2755·7	2759
Males - - -	1301	1358	1303	1311	1357	1249	1355	1430	1255	1425	1404·5	1383
Females - -	1187	1377	1269	1183	1303	1208	1322	1406	1244	1344	1351·2	1371
<b>TOTAL Deaths -</b>	1426	1611	1809	1715	1730	1509	1535	1653	1500	1546	1692·2	1499
Males - - -	708	816	923	876	872	787	854	900	790	805	877·0	789
Females - -	718	795	881	839	858	722	731	753	710	741	815·2	710

\* The numbers in this column are the average weekly numbers in the sixteenth week of the ten years 1889–98, raised by 5·213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Jan. 28.	Feb. 4.	Feb. 11.	Feb. 18.	Feb. 25.	Mar. 4.	Mar. 11.	Mar. 18.	Mar. 25.	Apr. 1.	Apr. 8.	Apr. 15.	Apr. 22.
<b>TOTAL Births</b>	2686	2696	2602	2662	2752	2676	2627	2613	2480	2609	2554	2675	2759
<b>TOTAL Deaths - - -</b>	1381	1690	1991	1636	1875	1925	1954	2099	2025	1922	1816	1624	1499
<b>Ages at Death</b>													
Under 1 year - - -	284	330	430	338	351	395	368	376	370	377	341	320	317
1–5 years - - -	168	191	210	201	245	229	266	278	272	224	203	195	186
5–20 " - - -	87	78	109	101	104	91	105	106	89	90	99	79	82
20–40 " - - -	167	224	252	204	248	249	229	238	230	212	227	225	200
40–60 " - - -	298	358	399	321	364	387	375	436	423	380	367	341	303
60–80 " - - -	305	417	472	426	433	474	487	518	514	494	464	378	322
80 years and upwards	72	92	119	105	130	100	124	147	127	145	115	86	89
<b>Deaths from—</b>													
Small pox - - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles - - -	21	22	21	27	32	36	38	35	33	37	29	34	51
Scarlet Fever - -	12	8	7	4	7	7	9	7	4	4	8	6	7
Diphtheria - - -	31	32	49	40	29	48	36	45	37	31	34	20	29
Whooping-cough -	36	50	45	38	55	64	55	73	90	57	58	54	47
Typhus - - -	-	1	-	-	1	-	-	-	-	-	-	-	-
Enteric Fever - -	15	10	20	16	13	9	9	7	4	9	6	14	3
Simple Continued Fever	-	-	-	-	-	-	-	-	-	1	-	-	-
Diarrhoea and Dysentery ..	8	10	15	11	10	12	13	8	11	7	11	4	7
Cholera - - -	-	-	-	-	-	-	-	-	-	-	-	1	-
<b>All the above Diseases</b>	123	133	157	136	147	176	160	175	179	146	146	133	144
<b>Dis. of Respiratory System—</b>													
Phthisis - - -	266	348	481	413	484	470	529	565	604	505	470	343	277
Dis. of Circulatory System -	144	189	192	154	175	206	201	209	182	139	174	173	160
Violence - - -	121	165	194	156	172	183	174	198	181	195	152	147	140
<b>Inquest Cases - - -</b>	80	74	69	79	68	76	80	75	56	63	89	83	65
<b>Deaths in Public Institutions—</b>	161	152	178	166	151	182	190	184	163	155	189	156	152
462	539	593	471	556	577	568	637	532	503	534	509	472	
<b>TEMPERATURE OF THE AIR.</b>													
Mean - - -	38·2	35·5	47·4	45·6	40·7	38·0	40·2	42·5	32·2	50·1	48·9	43·9	43·4
Mean of Highest readings -	43·2	40·1	51·7	48·2	47·7	49·4	52·4	40·9	59·0	56·1	52·2	52·3	
Mean of Lowest readings -	33·7	30·6	42·7	39·9	34·0	28·3	31·1	33·8	24·8	43·2	44·0	37·2	34·7
<b>Humidity of the Air - -</b>	80	83	83	82	81	79	73	87	68	77	77	80	75
<b>Rain-fall (in inches) - -</b>	0·08	0·18	1·19	0·72	0·02	0·04	0·07	0·00	0·11	0·37	0·49	1·27	0·43
<b>Registered Sunshine (in hours)</b>	35·8	7·4	10·5	22·0	38·9	34·1	43·7	19·7	31·3	19·5	25·3	21·9	26·5
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - - -	-	-	-	-	2	2	2	1	1	1	1	3	3
Scarlet Fever - - -	2679	2665	2642	2587	2576	2584	2540	2437	2355	2322	2285	2126	2144
Diphtheria - - -	1368	1377	1373	1403	1394	1374	1313	1261	1290	1165	1126	1068	1034
Enteric Fever - - -	249	229	228	231	215	207	193	183	173	148	139	129	125

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E.; Bradford; and Mr. E. Peck, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SIXTEENTH Week of the Year 1899.

CAUSES OF DEATH		Corrected Averages for the 16th Week 1899-98*.	In the Week ending Saturday, 22nd April 1899.								Corrected Averages for the 16th Week 1899-98*.	CAUSES OF DEATH	In the Week ending Saturday, 22nd April 1899.							
			Deaths of Persons of the Ages										Deaths of Persons of the Ages							
			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.				ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	
				0-1.	1-5.	5-20.			0-1.	1-5.				5-20.						
ALL CAUSES - - -		1692.2	1499	317	186	82	200	303	322	89	Diseases of Circulatory System - - -	145.5	140	1	2	8	24	42	54	
Small-pox { Vaccinated† - - -		0.9	-	-	-	-	-	-	-	-	Croup - - - - -	3.9	1	-	1	-	-	-	-	
Small-pox { Unvaccinated - - -		0.5	-	-	-	-	-	-	-	-	Bronchitis - - - -	188.8	146	34	11	2	29	53	-	
Small-pox { No Statement - - -		-	-	-	-	-	-	-	-	-	Pneumonia - - - -	143.5	105	30	24	3	15	21	11	
Measles - - - - -		86.0	51	6	38	7	-	-	-	-	Pleurisy - - - - -	7.9	3	1	-	-	1	-	-	
Scarlet Fever - - -		14.5	7	1	3	3	-	-	-	-	Other Diseases of Respiratory System -	26.5	22	1	2	-	1	9	9	
Diphtheria - - - -		0.2	-	-	-	-	-	-	-	-	Dentition - - - - -	11.6	12	7	5	-	-	-	-	
Erysipelas - - - -		-	-	-	-	-	-	-	-	-	Quinsy, Sore Throat -	2.1	2	1	1	-	-	-	-	
Whooping-cough - -		18.8	39	3	1	-	6	14	13	2	Enteritis - - - - -	12.3	20	8	3	4	2	2	1	
Scarlatina - - - - -		69.0	47	19	24	4	-	-	-	-	Peritonitis - - - -	6.1	3	-	-	1	-	1	-	
Measles Continued and ill-defined Fever -		35.1	29	2	16	11	-	-	-	-	Diseases of Liver - -	23.6	17	1	-	2	10	4	-	
Scarlet Fever - - -		0.2	-	-	-	-	-	-	-	-	Other Diseases of Digestive System -	28.8	33	11	3	1	6	7	4	
Cholera and Chol. Diarrhoea, Dysentery -		7.4	3	-	-	1	1	1	-	-	Diseases of Lymphatic System & of Ductless Glands - - - - -	2.1	4	-	-	1	2	1	-	
Intermittent Fever -		13.8	7	2	3	-	-	-	2	-	Diseases of Urinary System - - - - -	46.3	53	-	-	2	10	16	21	
Erysipelas - - - -		0.2	-	-	-	-	-	-	-	-	Diseases of Generative System -	5.8	6	-	-	-	-	3	3	
Œmia and Septicæmia -		-	-	-	-	-	-	-	-	-	Accidents of Childbirth -	4.9	6	-	-	1	5	-	-	
Septicæmia - - - - -		-	-	-	-	-	-	-	-	-	Diseases of Locomotive System - - - - -	6.0	4	-	-	1	-	2	1	
Other Zymotic Diseases		1.7	3	-	2	-	1	-	-	-	Diseases of Integumentary System - - - - -	4.9	7	2	1	-	2	-	1	
Smallpox and Effects of Vaccination - - - -		0.3	-	-	-	-	-	-	-	-	VIOLENT DEATHS.†									
Neural Affections - -		7.9	7	3	-	-	2	2	-	-	(ACCIDENT.)									
Erysipelas - - - -		3.2	4	-	-	-	-	3	1	-	By Railways - - - -		1	-	-	-	-	1	-	
Œmia and Septicæmia -		2.8	-	-	-	-	-	-	-	-	By Vehicles or Horses -		5	-	-	2	-	2	1	
Septicæmia - - - - -		4.0	-	-	-	-	-	-	-	-	In Ships, Boats, Docks, (exclusive of Drowning) -		1	-	-	1	-	-	-	
Other Zymotic Diseases		1.7	3	-	2	-	1	-	-	-	In Building Operations -		2	-	-	-	-	2	-	
Measles Continued and ill-defined Fever -		0.2	-	-	-	-	-	-	-	-	In Conflagrations - -		-	-	-	-	-	-	-	
Scarlet Fever - - -		7.4	3	-	-	1	1	1	-	-	By Burns, Scalds, Explosions - - - -	51.9	6	-	-	1	1	3	1	
Cholera and Chol. Diarrhoea, Dysentery -		13.8	7	2	3	-	-	-	2	-	By Drowning - - - -		4	-	-	-	-	3	1	
Erysipelas - - - -		0.2	-	-	-	-	-	-	-	-	By Suffocation in Bed -		7	6	1	-	-	-	-	
Œmia and Septicæmia -		-	-	-	-	-	-	-	-	-	By Poisons or Poisonous Vapours - - - - -		1	-	-	-	-	1	-	
Septicæmia - - - - -		-	-	-	-	-	-	-	-	-	Other or not stated causes - - - - -		20	6	3	1	2	2	3	
Other Zymotic Diseases		1.7	3	-	2	-	1	-	-	-	(VIOLENCE OTHER THAN ACCIDENTAL.)									
Smallpox and Effects of Vaccination - - - -		0.3	-	-	-	-	-	-	-	-	Homicide - - - - -	1.3	-	-	-	-	-	-	-	
Neural Affections - -		7.9	7	3	-	-	2	2	-	-	Suicide - - - - -	10.2	18	-	-	-	6	7	5	
Erysipelas - - - -		3.2	4	-	-	-	-	3	1	-	Execution - - - - -	-	-	-	-	-	-	-	-	
Œmia and Septicæmia -		2.8	-	-	-	-	-	-	-	-	OTHER CAUSES - - -	50.4	42	41	-	-	-	1	-	
Septicæmia - - - - -		4.0	-	-	-	-	-	-	-	-										
Other Zymotic Diseases		1.7	3	-	2	-	1	-	-	-										
Measles Continued and ill-defined Fever -		0.2	-	-	-	-	-	-	-	-										
Scarlet Fever - - -		7.4	3	-	-	1	1	1	-	-										
Cholera and Chol. Diarrhoea, Dysentery -		13.8	7	2	3	-	-	-	2	-										
Erysipelas - - - -		0.2	-	-	-	-	-	-	-	-										
Œmia and Septicæmia -		-	-	-	-	-	-	-	-	-										
Septicæmia - - - - -		-	-	-	-	-	-	-	-	-										
Other Zymotic Diseases		1.7	3	-	2	-	1	-	-	-										
Measles Continued and ill-defined Fever -		0.2	-	-	-	-	-	-	-	-										
Scarlet Fever - - -		7.4	3	-	-	1	1	1	-	-										
Cholera and Chol. Diarrhoea, Dysentery -		13.8	7	2	3	-	-	-	2	-										
Erysipelas - - - -		0.2	-	-	-	-	-	-	-	-										
Œmia and Septicæmia -		-	-	-	-	-	-	-	-	-										
Septicæmia - - - - -		-	-	-	-	-	-	-	-	-										
Other Zymotic Diseases		1.7	3	-	2	-	1	-	-	-										
Measles Continued and ill-defined Fever -		0.2	-	-	-	-	-	-	-	-										
Scarlet Fever - - -		7.4	3	-	-	1	1	1	-	-										
Cholera and Chol. Diarrhoea, Dysentery -		13.8	7	2	3	-	-	-	2	-										
Erysipelas - - - -		0.2	-	-	-	-	-	-	-	-										
Œmia and Septicæmia -		-	-	-	-	-	-	-	-	-										
Septicæmia - - - - -		-	-	-	-	-	-	-	-	-										
Other Zymotic Diseases		1.7	3	-	2	-	1	-	-	-										
Measles Continued and ill-defined Fever -		0.2	-	-	-	-	-	-	-	-										
Scarlet Fever - - -		7.4	3	-	-	1	1	1	-	-										
Cholera and Chol. Diarrhoea, Dysentery -		13.8	7	2	3	-	-	-	2	-										
Erysipelas - - - -		0.2	-	-	-	-	-	-	-	-										
Œmia and Septicæmia -		-	-	-	-	-	-	-	-	-										
Septicæmia - - - - -		-	-	-	-	-	-	-	-	-										
Other Zymotic Diseases		1.7	3	-	2	-	1	-	-	-										
Measles Continued and ill-defined Fever -		0.2	-	-	-	-	-	-	-	-										
Scarlet Fever - - -		7.4	3	-	-	1	1	1	-	-										
Cholera and Chol. Diarrhoea, Dysentery -		13.8	7	2	3	-	-	-	2	-										
Erysipelas - - - -		0.2	-	-	-	-	-	-	-	-										
Œmia and Septicæmia -		-	-	-	-	-	-	-	-	-										
Septicæmia - - - - -		-	-	-	-	-	-	-	-	-										
Other Zymotic Diseases		1.7	3	-	2	-	1	-	-	-										
Measles Continued and ill-defined Fever -		0.2	-	-	-	-	-	-	-	-										
Scarlet Fever - - -		7.4	3	-	-	1	1	1	-	-										
Cholera and Chol. Diarrhoea, Dysentery -		13.8	7	2	3	-	-	-	2	-										
Erysipelas - - - -		0.2	-	-	-	-	-	-	-	-										
Œmia and Septicæmia -		-	-	-	-	-	-	-	-	-										
Septicæmia - - - - -		-	-	-	-	-	-	-	-	-										
Other Zymotic Diseases		1.7	3	-	2	-	1	-	-	-										
Measles Continued and ill-defined Fever -		0.2	-	-	-	-	-	-	-	-										
Scarlet Fever - - -		7.4	3	-	-	1	1	1	-	-										
Cholera and Chol. Diarrhoea, Dysentery -		13.8	7	2	3	-	-	-	2	-										
Erysipelas - - - -		0.2	-	-	-	-	-	-	-	-										
Œmia and Septicæmia -		-	-	-	-	-	-	-	-	-										
Septicæmia - - - - -		-	-	-	-	-	-	-	-	-										
Other Zymotic Diseases		1.7	3	-	2	-	1	-	-	-										
Measles Continued and ill-defined Fever -		0.2	-	-	-	-	-	-	-	-										
Scarlet Fever - - -		7.4	3	-	-	1	1	1	-	-										
Cholera and Chol. Diarrhoea, Dysentery -		13.8	7	2	3	-	-	-	2	-										
Erysipelas - - - -		0.2	-	-	-	-	-	-	-	-										
Œmia and Septicæmia -		-	-	-	-	-	-	-	-	-										
Septicæmia - - - - -		-	-	-	-	-	-	-	-	-										
Other Zymotic Diseases		1.7	3	-	2	-	1	-	-	-										
Measles Continued and ill-defined Fever -		0.2	-	-	-	-	-	-	-	-										
Scarlet Fever - - -		7.4	3	-	-	1	1	1	-	-										
Cholera and Chol. Diarrhoea, Dysentery -		13.8	7	2	3	-	-	-	2	-										
Erysipelas - - - -		0.2	-	-	-	-	-	-	-	-										
Œmia and Septicæmia -		-	-	-	-	-	-	-	-	-										
Septicæmia - - - - -		-	-	-	-	-	-	-	-	-										
Other Zymotic Diseases		1.7	3	-	2	-	1	-	-	-										
Measles Continued and ill-defined Fever -		0.2	-	-	-	-	-	-	-	-										
Scarlet Fever - - -		7.4	3	-	-	1	1	1	-	-										
Cholera and Chol. Diarrhoea, Dysentery -		13.8	7	2	3	-	-	-	2	-										
Erysipelas - - - -		0.2	-	-	-	-	-	-	-	-										
Œmia and Septicæmia -		-	-	-	-	-	-	-	-	-										
Septicæmia - - - - -		-	-	-	-	-	-	-	-	-										
Other Zymotic Diseases		1.7	3	-	2	-	1	-	-	-										
Measles Continued and ill-defined Fever -		0.2	-	-	-	-	-	-	-	-										
Scarlet Fever - - -		7.4	3	-	-	1	1	1	-	-										

\* The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

† Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

‡ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 22nd April, 1899.

REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	The DEATHS registered during the Week include														Deaths of Infants under 1 Year of Age.	Persons aged 20 Years and upwards.	Deaths from										Inquest Cases.	Deaths in Public Institutions.	Un- certified Deaths.	Cause of Death.
LONDON -	4,411,710	2759	1499	317	411	-	51	7	29	47	-	3	-	7	65	152	472	17															
WEST DISTRICTS	778,251	429	271	52	84	-	8	3	7	10	-	-	-	-	13	27	83	1															
NORTH DISTRICTS	1,040,694	694	364	70	107	-	9	5	4	14	-	-	-	-	18	45	98	-															
CENTRAL DISTRICTS	233,635	106	86	17	17	-	2	-	-	3	-	-	-	-	1	7	39	-															
EAST DISTRICTS	716,334	583	263	64	65	-	9	-	1	6	-	-	-	-	2	16	42	91															
SOUTH DISTRICTS	1,642,796	1007	490	113	132	-	23	1	17	14	-	-	-	-	4	17	31	136	16														
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*	-	-	25	1	6	-	-	-	-	-	-	-	-	-	1	-	-	25	-														
WEST DISTRICTS.																																	
St. Mary Paddington } G. & W.	90,996	47	36	7	17	-	-	-	-	-	-	-	-	-	2	5	8	-															
St. John Paddington } H - - G.	33,510	6	17	-	6	-	-	-	-	-	-	-	-	-	1	2	8	-															
Kensington Town } W - - W.	122,164	73	56	12	16	-	-	-	-	-	-	-	-	-	1	2	21	-															
Brompton } HH - - W. & C.	48,301	13	11	1	3	-	-	-	-	1	-	-	-	-	-	-	-	-															
North Hammersmith } H } W. & G.	44,638	24	17	4	3	-	4	-	1	1	-	-	-	-	2	4	1	-															
South Hammersmith } H } W. & G.	59,561	39	15	2	5	-	-	-	-	1	-	-	-	-	1	1	1	-															
Fulham } W - - W. & C.	113,781	105	52	16	10	-	-	3	4	1	-	-	-	-	2	4	20	1															
Chelsea Kensal Town } - - C.	21,450	19	4	1	-	-	-	-	-	1	-	-	-	-	-	1	-	-															
Chelsea North } W - - C.	42,057	16	17	1	8	-	-	-	-	-	-	-	-	-	1	3	7	-															
Chelsea South } HH - - C.	33,139	16	6	-	4	-	-	-	-	-	-	-	-	-	1	1	-	-															
May Fair } W - - G.	23,827	4	6	-	2	-	1	-	-	-	-	-	-	-	-	-	6	-															
Belgrave } W - - C.	56,140	26	15	3	5	-	2	-	1	-	-	-	-	-	1	1	5	-															
St. John Westminster } HH - - C.	31,492	18	8	3	2	-	1	-	-	-	-	-	-	-	1	3	-	-															
St. Margaret Westminster } H - - C.	22,097	4	4	1	-	-	-	-	-	-	-	-	-	-	-	-	3	-															
St. James Westminster } W - - N. & G.	23,050	14	4	1	3	-	-	-	-	-	-	-	-	-	-	-	3	-															
St. Anne Soho } H - - N.	12,048	5	3	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-															
NORTH DISTRICTS.																																	
All Souls Marylebone } - - W.	36,595	17	21	2	3	-	-	-	-	-	-	-	-	-	2	6	7	-															
Rectory Marylebone } W - - G. & W.	19,798	3	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-															
St. Mary Marylebone } H - - G. & W.	19,637	25	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-															
Christchurch Marylebone } H - - W.	32,547	17	4	-	2	-	-	-	-	-	-	-	-	-	1	1	-	-															
St. John Marylebone } HH - - W.	32,611	16	7	3	2	-	-	-	-	1	-	-	-	-	-	1	1	-															
Hampstead } W - - N. & W.	75,449	40	25	3	13	-	-	-	-	-	-	-	-	-	1	2	5	-															
Regent's Park Pancras } HH - - W.	37,341	21	9	4	2	-	-	-	-	-	-	-	-	-	1	3	-	-															
Pottenham-court } W - - N. & W.	26,757	11	19	-	6	-	1	-	-	-	-	-	-	-	1	1	13	-															
Gray's Inn Lane } HH - - N.	29,426	26	11	4	2	-	1	-	-	1	-	-	-	-	-	2	3	4	-														
Homers Town } HH - - N.	32,161	34	11	3	4	-	-	-	-	1	-	-	-	-	-	2	1	3	-														
Camden Town } WH - - N.	16,669	9	18	-	7	-	1	-	-	-	-	-	-	-	-	2	4	12	-														
Kentish Town } WW - - N.	98,410	55	24	3	7	-	-	-	1	-	-	-	-	-	1	9	-	-															
Upper Holloway } W - - N.	98,273	64	48	6	12	-	-	-	2	-	-	-	-	-	2	2	23	-															
Clington South-west } H - - N.	107,365	61	36	10	11	-	2	-	-	4	-	-	-	-	1	4	-	-															
Clington South-east } - - N.	66,549	43	20	4	4	-	-	-	2	-	-	-	-	-	1	2	-	-															
Highbury } HH - - N.	64,577	33	16	4	5	-	1	-	-	2	-	-	-	-	2	4	-	-															
Stoke Newington } H - - N.	33,485	21	10	3	4	-	-	-	-	-	-	-	-	-	-	1	-	-															
North Hackney } - - E. & N.	18	18	4	8	-	-	-	-	-	-	-	-	-	-	-	3	-	-															
Central Hackney } W - - E. & N.	213,044	33	21	3	2	-	3	3	3	-	-	-	-	-	1	3	6	-															
South-west Hackney } HH - - E. & N.	47	15	7	1	-	-	-	-	-	-	-	-	-	-	-	1	1	4	-														
South-east Hackney } W - - E. & N.	40	24	5	9	-	-	-	-	1	-	-	-	-	-	1	3	12	-															

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other Districts than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

\* See note on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and were named North Hammersmith and South Hammersmith, respectively.



5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each B-DISTRICT during the Week ending Saturday 22nd April, 1899—continued.

ADMINISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation 1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include															Deaths in Public Institution	Un- certified Causes
				Deaths of		Deaths from														
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Etiotic (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Lequest Cases.				
CENTRAL DISTRICTS.																				
Large Bloomsbury - - N.	16,110	5	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. South WH - - N.	12,976	10	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	
St. North H - - N.	9,151	4	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. in-the-Fields HHN. & C.	13,077	1	3	-	1	-	-	-	-	-	-	-	-	-	-	1	1	3	-	
St. WHH - - N.	11,839	2	9	-	-	-	-	-	-	-	-	-	-	-	-	-	2	7	-	
Union Workhouse, Edmonton	1,037	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
St. w HHHHHHH - - N.	31,042	14	16	5	3	-	-	-	-	-	-	-	-	-	-	-	-	1	9	
St. Clerkenwell - - N.	15,777	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Clerkenwell - - N.	34,356	10	9	5	2	-	1	-	-	2	-	-	-	-	-	-	-	-	-	
St. -street - - N.	16,069	11	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. HHHH - - N.	29,597	25	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	2	
St. -street - - N.	7,595	8	5	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
St. -ry - - N.	4,035	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Union Workhouse, } St. -am - - - - }	7,692	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
St. olph H - - N. & E.	6,870	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. -gate - - N.	3,299	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
St. ulchre WH - - N.	9,591	6	15	3	2	-	-	-	-	-	-	-	-	-	-	-	-	11	-	
St. -ows Barking - - N.	9,059	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. -street H - - N.	2,892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. London Asylum, Stone - -	7,388	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
EAST DISTRICTS.																				
St. South HI - - E. & N.	17,975	7	5	3	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
St. New Town w - - N.	29,575	12	9	1	2	-	-	-	-	-	-	-	-	-	-	-	2	6	-	
St. Old Town - - N.	27,645	17	9	2	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-	
St. -ston WH - - N. & E.	47,163	40	17	3	6	-	-	-	-	-	-	-	-	-	1	-	1	9	-	
St. Green North H - - E.	49,301	39	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
St. Green South - - E.	34,194	30	13	3	-	-	1	-	-	-	-	-	-	-	1	1	4	-	-	
St. Green East WHI - - E.	45,687	47	14	-	5	-	-	-	-	-	-	-	-	-	1	1	1	11	-	
St. -fields - - E. & N.	26,681	33	7	2	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
St. -nd New Town* WH - - E.	51,995	27	37	4	6	-	1	-	1	-	-	-	-	-	-	-	4	7	29	
St. -an's Fields* - - E.		16	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. -rge's North - - E.	39,576	39	15	8	1	-	3	-	-	1	-	-	-	-	-	-	2	-	-	
St. -t, George East W E.	7,930	10	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
St. -ell H - - E. & N.	10,434	9	5	-	-	-	1	-	-	1	-	-	-	-	-	1	1	3	-	
St. -W - - E.	14,954	9	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. -use - - E.	32,917	24	10	5	1	-	-	-	-	1	-	-	-	-	-	-	2	-	-	
St. -d Old Town West H E.	111,060	63	13	4	6	-	-	-	-	1	-	-	-	-	-	1	1	-	-	
St. -d Old Town East - E.		43	26	5	11	-	-	-	-	1	-	-	-	-	-	1	5	10	-	
St. -y w w w H - - E.	41,687	31	11	5	1	-	1	-	-	-	-	-	-	-	-	2	5	2	-	
St. -W W - - E.	69,821	47	43	11	13	-	1	-	-	1	-	-	-	-	-	3	5	17	-	
St. -W W - - E.	57,759	40	13	5	3	-	1	-	-	-	-	-	-	-	-	1	2	1	-	

† Population in 1891, not included in the total population of the Central Districts or of London.  
 St. chapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.



6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 22nd April, 1899.

					The DEATHS registered in the Week include														
REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	Deaths of		Deaths from												
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.		
LONDON—OUTER RING	368,749	1,422,063	1174	537	139	167	-	17	3	12	11	1	9	22	42	77	8		
Carshalton <i>w</i> HH	12,228	26,108	20	6	-	1	-	-	-	-	-	-	-	-	2	-	-		
Epsom, <i>part of</i> * <i>Ww</i> HH	10,423	12,508	11	6	1	1	-	-	-	-	1	-	-	-	-	3	-		
Godstone, <i>part of</i> * <i>W</i>	2,754	1,598	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Croydon <i>Ww</i> HHH	20,851	128,699	93	47	13	20	-	-	-	1	2	-	-	-	5	8	-		
Mitcham <i>w</i>	11,697	23,072	14	11	-	3	-	-	-	-	-	-	-	-	-	-	-		
Wimbledon <i>HHH</i>	3,220	25,777	19	10	2	2	-	-	-	2	1	-	-	-	-	1	-		
Kingston <i>WH</i>	-	33,566	21	13	1	5	-	-	-	-	-	-	-	-	-	3	-		
Surbiton <i>H-</i>	14,672	12,178	8	4	-	1	-	-	-	-	-	-	-	-	-	-	-		
Esher, <i>part of</i> * <i>HH</i>	-	11,080	2	2	-	1	-	-	-	-	-	-	-	-	1	-	-		
Hampton <i>HL</i>	4,565	18,252	15	4	1	2	-	-	-	-	-	-	-	-	-	-	-		
Richmond <i>WH-</i>	2,160	25,389	18	12	3	6	-	-	-	-	-	-	-	1	3	3	1		
Mortlake <i>H</i>	2,823	16,159	8	5	-	1	-	-	1	-	-	-	-	-	-	1	-		
Bromley <i>HHH</i>	9,127	23,815	17	9	-	6	-	-	-	-	-	-	-	-	-	-	-		
Beckenham <i>H-</i>	6,542	21,969	10	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
Chislehurst, <i>part of</i> * <i>WHH</i>	14,307	20,372	18	8	1	5	-	-	-	-	-	-	-	1	1	3	-		
Bexley <i>HHH</i>	12,540	30,590	34	13	5	4	-	1	-	-	-	-	-	-	-	-	1		
Dartford <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Sunbury <i>w</i>	11,054	13,671	5	4	-	4	-	-	-	-	-	-	-	-	1	-	-		
Staines <i>WH</i>	13,277	13,221	9	3	2	-	-	-	-	-	-	-	1	-	-	-	-		
Hillingdon <i>WHH</i>	6,035	12,237	10	7	1	5	-	-	-	-	-	-	-	-	-	3	-		
Uxbridge	12,757	7,253	3	3	1	1	-	-	-	-	-	-	-	-	-	-	-		
Hayes <i>wH-</i>	7,952	11,051	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
Isleworth <i>WHH</i>	6,967	26,004	13	8	2	3	-	-	-	-	-	-	1	-	-	5	-		
Twickenham <i>HH</i>	2,415	16,027	13	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
Brentford <i>HHHH</i>	4,318	37,777	26	13	4	3	-	-	-	-	1	-	1	-	-	-	-		
Chiswick	1,245	21,963	13	5	3	2	-	-	-	-	-	-	-	1	1	-	-		
Acton <i>wHH</i>	6,132	30,945	17	11	4	3	-	-	-	-	-	-	-	1	1	-	-		
Harrow <i>HHH</i>	13,809	15,715	7	4	-	2	-	-	-	-	-	-	-	-	-	-	-		
Edgware <i>HH</i>	6,994	3,844	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Willesden <i>HHH</i>	4,383	61,265	83	34	9	10	-	-	-	2	1	-	-	2	3	2	-		
Hendon <i>WH</i>	6,382	15,843	6	9	2	1	-	-	-	-	1	-	-	-	-	4	-		
South Mimms <i>HH</i>	-	6,367	4	2	1	1	-	-	-	-	-	-	-	-	-	-	-		
Barnet <i>WHH</i>	-	14,152	7	6	-	2	-	1	-	-	-	-	-	-	-	-	-		
Finchley <i>HHH</i>	4,668	25,820	14	3	1	-	-	-	1	-	-	-	-	1	1	-	-		
Hornsey <i>HH</i>	3,039	61,097	36	15	-	10	-	1	-	-	-	-	-	-	-	-	-		
Tottenham <i>HH-</i>	4,642	97,174	74	28	7	8	-	2	2	-	-	-	-	-	-	-	-		
Edmonton <i>WwW</i>	7,489	36,351	43	17	4	5	-	-	-	-	-	-	-	1	2	7	-		
Enfield <i>WWHH</i>	12,602	31,536	25	11	4	3	-	1	-	-	-	-	-	-	-	-	-		
Waltham Abbey	11,017	6,066	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cheshunt <i>H</i>	8,480	9,620	8	2	2	-	-	-	-	-	-	-	-	-	-	-	1		
Hatfield, <i>part of</i> * <i>W-</i>	3,306	582	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bushey <i>H</i>	9,331	7,737	4	3	-	3	-	-	-	-	-	-	-	-	1	1	-		
Watford <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Stratford <i>H</i>	-	38,612	40	15	6	1	-	-	-	-	-	-	-	-	3	3	1		
Plaistow <i>WHHH</i>	-	53,030	66	27	12	3	-	5	-	3	-	-	-	-	-	3	1		
Canning Town <i>H</i>	-	54,750	51	21	7	3	-	1	-	-	1	-	-	1	3	4	2		
Forest Gate <i>w</i>	-	53,511	39	23	9	7	-	-	-	1	1	-	-	-	1	-	2		
East Ham <i>WHH</i>	3,266	32,713	55	23	8	1	-	3	-	1	-	-	-	-	-	-	-		
Leyton <i>WWWwH</i>	4,334	70,188	63	47	11	17	-	2	-	1	1	1	3	2	5	24	-		
Walthamstow <i>HHL</i>	6,501	57,330	73	21	6	6	-	-	-	1	1	-	-	2	2	-	-		
Chigwell, <i>part of</i> * <i>HHHH</i>	11,779	12,941	9	2	2	-	-	-	-	-	-	-	-	-	-	1	-		
Epping <i>WH, part of</i> *	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
Romford, <i>part of</i> * <i>WH</i>	6,556	4,324	5	2	-	1	-	-	-	-	-	-	-	-	-	-	1		
Ilford	8,493	10,913	16	2	-	2	-	-	-	-	-	-	-	-	-	-	-		
Barking Town, <i>H</i>	3,814	14,301	13	6	2	1	-	-	-	-	-	-	-	1	2	-	-		
Middlesex County Asylum, Wandsworth.	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-		

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warringham Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst district, except the parishes of Chislefield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in Uxbridge sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for various Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.



TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 22nd April, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 3-14.		Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.			
GREATER LONDON	443,421	6,528,434	16·3	1·6	2036	456	573	-	68	10	41	58	4	16	87			
INNER LONDON -	74,672	4,546,752	17·2	1·7	1499	317	411	-	51	7	29	47	3	7	65			
OUTER RING -	368,749	1,981,682	14·1	1·4	537	139	167	-	17	3	12	11	1	9	22			

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria	Whooping-cough.	Fever.	Diarrhoea.	Violence.
EDINBURGH -	298,927	April 22	141	99	17·3	-	3	-	-	1	-	-	-
GLASGOW -	733,903	" 22	502	272	19·3	-	11	2	2	6	5	-	-
DUBLIN -	349,594	" 22	210	202	30·1	-	-	1	2	3	2	-	-
CALCUTTA -	466,460	January 28	-	-	-	-	-	-	-	-	-	-	-
BOMBAY -	821,764	March 28	166	2244	142·0	3	145	?	?	?	1225*	-	-
MADRAS -	452,518	" 10	322	311	35·7	1	6	?	?	?	37	-	-
PARIS -	2,511,629	April 15	1136	1127	23·3	-	29	4	5*	11	7	-	-
BRUSSELS -	551,011	" 15	249	190	17·9	-	3	-	-	1	5	-	-
AMSTERDAM -	512,758	" 8	270	179	18·1	-	1	-	1	5	-	-	-
ROTTERDAM -	311,301	" 8	215	116	19·4	-	-	-	2	1	1	-	-
THE HAGUE -	196,325	" 8	108	77	20·1	-	1	-	1	-	-	-	-
COPENHAGEN -	345,000	" 15	261	119	18·0	-	-	3	2†	4	-	-	-
STOCKHOLM -	283,550	" 8	140	127	23·3	-	6	-	7*	1	-	-	-
CHRISTIANIA -	293,337	" 15	154	64	16·4	-	-	-	2	-	-	-	-
ST. PETERSBURG	1,132,677	" 8	758	574	26·4	5	15	6	17	5	24	-	-
MOSCOW -	983,610	" 8	-	511	26·9	5	8	7	11	1	3	-	-
BERLIN -	1,805,054	" 1	841	715	20·6	-	1	13	7	11	2	-	-
HAMBURG -	675,351	" 15	-	211	16·2	-	-	-	1*	4	-	-	-
DRESDEN -	389,300	February 25	-	162	21·6	-	2	-	2*	3	-	-	-
BRESLAU -	406,012	April 15	-	211	27·1	-	1	4	-	-	-	-	-
MUNICH -	445,000	" 8	-	228	26·6	-	-	1	-	3	-	-	-
VIENNA -	1,606,629	" 15	856	754	24·1	-	21	6	7*	8	-	-	-
PRAGUE -	380,497	" 8	247	228	30·3	-	5	1	3	1	-	-	-
BUDA-PESTH -	666,722	" 8	468	339	26·4	-	-	10	3	1	8	-	-
TRIESTE -	165,913	" 1	-	-	-	-	-	-	-	-	-	-	-
ROME -	500,610	" 1	248	193	20·1	-	-	-	-	2	1	-	-
TURIN (10 days)	344,203	March 20	-	-	-	-	-	-	-	-	-	-	-
VENICE -	169,883	April 8	75	104	31·9	-	9	-	-	4*	1	1	-
CAIRO -	570,062	February 11	-	-	-	-	-	-	-	-	-	-	-
ALEXANDRIA -	319,766	" 11	-	-	-	-	-	-	-	-	-	-	-
NEW YORK (including BROOKLYN)	3,550,053	April 1	-	-	-	-	-	-	-	-	-	-	-
PHILADELPHIA -	1,266,832	" 1	-	504	20·7	-	-	3	14	1	43	-	-

\* Including deaths from croup.

† Including 1074 deaths from "plague."

+ Including 5 deaths from cholera.

1899.

1899.		MEAN.		Of the Air.		Of the Dew Point.		Difference between the Air and Dew Point Temperature.		Degree of Infiltration (Sum of rain equals 100).		Of Radiation.		Of the Earth.		Oiler's.		Robinson's.		Collected in a box whose receiving surfaces are 5 inches above the surface of Ground.							
Phases of the Moon.	Mean daily reading (corrected and reduced to 32° Fahrenheit).	High-est.	Low-est.	Daily Range.	Mean from 50 years.	De-parture from average value.	Mean daily value.	Great-est.	Least.	Sum of rain.	Highest in Rays.	Lowest on Grass.	3 feet below Surface.	A.M.	P.M.	Great-est.	Least.	Mean of 24 hours.	Horizontal on each Day.	Depar-ture from Average of 16 Years.	in. above Ground.						
APRIL.																											
SUNDAY	16	47° 0	37° 1	9° 9	41° 0	0	37° 6	3° 4	8° 0	0	88	67° 4	33° 5	45° 66	NW. & N.	NNW. N. & NNE.	13	0° 0	211	— 80	0° 0						
MONDAY	17	First Quarter.	28° 72	52° 9	19° 9	41° 7	— 6° 0	32° 5	19° 6	3° 0	70	112° 0	28° 1	45° 65	NE. N. & WSW.	WSW. SW. & WSW.	10	0° 0	163	— 129	0° 0						
TUESDAY	18	Apogee	28° 31	50° 2	33° 0	17° 2	41° 9	— 6° 2	35° 0	1° 2	77	81° 7	24° 9	45° 49	SW. calm & N.	NNNE. & S.	1° 0	0° 0	117	— 175	0° 0						
WEDNESDAY	19		28° 90	59° 1	30° 7	28° 4	46° 3	— 2° 0	32° 7	13° 6	59	107° 5	26° 3	45° 40	SE. SW. & WSW.	WSW. W. & NW.	0° 8	0° 0	194	— 99	0° 0						
THURSDAY	20		28° 08	61° 1	34° 3	26° 8	48° 8	+ 0° 3	37° 6	11° 2	65	116° 0	28° 1	45° 40	WSW. & WSW.	WSW. W. & SSW.	1° 1	0° 0	178	— 115	0° 0						
FRIDAY	21		28° 74	47° 2	40° 1	7° 1	42° 7	— 5° 8	40° 9	1° 8	93	76° 4	36° 9	45° 60	SE. & S.	ESE. E. & NNE.	3° 3	0° 1	212	— 80	0° 0						
SATURDAY	22	In Equator	30° 05	48° 8	34° 5	14° 3	41° 6	— 6° 9	34° 0	7° 6	75	101° 3	29° 6	45° 98	N. NNE. & NE.	NE. SSE. & S.	1° 0	0° 0	176	— 114	0° 0						
MEANS	-		29° 847	52° 3	34° 7	17° 7	43° 4	— 4° 7	35° 3	7° 7	75	94° 6	29° 3	45° 60	Variable				Sum 1251	Sum -792	Sum 0° 43						
No. of Column	-		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
GENERAL REMARKS.																											
DATE.		ELECTRICITY. (Give symbols, see Note.)		Registered Sunshine in hours.		Sun above horizon.																					
APRIL.																											
SUNDAY	16	w. P. till 4h. P.M.; v. P. and v. N. till 8h. P.M.; w. P. afterwards.		00		139		Generally overcast; frequent rain between 3h. and 8h. P.M.																			
MONDAY	17	w. P. throughout		75		139		Cloudy with slight hoar frost in morning; very fine afterwards. A shower of rain at 4h. 38m. P.M.																			
TUESDAY	18	w. P. generally ..		14		140		Fine with hoar frost in morning; generally cloudy till evening; very fine afterwards.																			
WEDNESDAY	19	w. P. throughout		106		140		Very fine throughout. Hoar frost in morning.																			
THURSDAY	20	w. P. generally ..		61		141		Fine and partially cloudy till afternoon; generally overcast afterwards. Solar halo in forenoon.																			
FRIDAY	21	v. P. and v. N. till 8h. P.M.; w. P. afterwards.		00		142		Overcast; frequent rain.																			
SATURDAY	22	w. P. throughout		09		142		Generally overcast in morning; fine and partially cloudy afterwards.																			
No. of Col.	-			Sum 2695		Sum 9863		ERRATA.—Weekly Return for Nov. 19, '98, SUNSHINE (Col. 28) Jan. 1, for 00h., read 91h.; and sum for week (same col.) for 107h. 10.8h. " " " " Jan. 7, 99, SUNSHINE (Col. 28) Jan. 7, for 00h., read 11h.; and sum for week (same col.) for 51h., read 67h. " " " " Jan. 28, 99, Mean daily reading of the BAROMETER (Col. 4) Jan. 24, for 29.250 in., read 30.250 in.; and mean for week (same col.) for 29.928 in., read 30.071 in.																			

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**1899.**



# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

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No. 17. 1899. VOL. LX.] WEEK ENDING SATURDAY, APRIL 29. [Price 1½d.

General Register Office, Somerset House,  
May 1st, 1899.

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 17·7 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Apr. 8.	Apr. 15.	Apr. 22.	Apr. 29.		Apr. 8.	Apr. 15.	Apr. 22.	Apr. 29.
33 Great Towns	21·7	19·5	18·3	17·7	Leicester - -	19·0	17·3	17·8	15·1
Birkenhead -	19·9	17·2	15·8	17·2	Liverpool - -	25·7	24·7	23·4	20·9
Birmingham -	23·7	24·0	20·8	20·6	London - - -	20·8	18·6	17·2	16·9
Blackburn -	25·8	18·1	21·6	18·9	Manchester - -	25·9	28·3	22·4	23·2
Bolton - - -	16·1	19·9	20·9	15·8	Newcastle-on-Tyne	22·1	17·3	22·6	16·6
Bradford - -	20·5	17·0	17·2	16·6	Norwich - - -	20·7	18·0	13·4	15·7
Brighton - -	27·5	27·1	22·0	15·7	Nottingham - -	20·3	18·5	18·5	19·2
Bristol - - -	19·2	17·2	18·2	14·0	Oldham - - -	24·9	24·6	20·1	19·4
Burnley - - -	28·1	20·3	12·9	12·5	Plymouth - - -	24·9	19·7	21·8	16·1
Cardiff - - -	11·8	11·2	11·8	14·0	Portsmouth - -	19·4	18·0	15·0	16·1
Croydon - - -	21·2	14·3	15·1	13·9	Preston - - -	22·2	18·6	18·2	19·5
Derby - - -	24·5	19·1	16·7	16·7	Salford - - -	24·6	21·5	18·6	18·4
Gateshead - -	16·6	21·5	16·1	11·3	Sheffield - - -	21·1	17·0	17·8	18·0
Halifax - - -	26·7	19·2	16·0	17·1	Sunderland - -	24·0	22·6	21·1	22·9
Huddersfield -	21·7	21·7	17·1	17·1	Swansea - - -	19·1	18·1	13·1	13·1
Hull - - - -	22·9	19·1	16·0	18·0	West Ham - - -	16·3	13·0	18·2	15·5
Leeds - - - -	22·3	16·6	19·1	19·8	Wolverhampton	39·9	26·4	20·0	27·6

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·9 in Bolton and in Salford, and 2·5 in Manchester; from *scarlet fever*, 1·0 in Derby and 1·1 in Halifax; from *whooping-cough*, 1·2 in Wolverhampton and in Manchester, 1·3 in Hull, 1·4 in Cardiff and in Burnley, 1·6 in Plymouth, and 1·8 in Birkenhead; from "*fever*," 1·8 in Wolverhampton; and from *diarrhoea*, 1·2 in Wolverhampton. The 61 deaths from *diphtheria* included 26 in London, 10 in Sheffield, 6 in Leeds, 4 in Leicester, and 4 in Manchester. One death from *small-pox* was registered in Hull, but not one in any other of the thirty-three towns.

### LONDON.

In LONDON† 2693 BIRTHS and 1478 DEATHS were registered. Allowing for increase of population, the births were 38, and the deaths 189,

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylum Board Hospitals within Registration London. As far as practicable, the death thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 20·8, 18·6, and 17·2 in the preceding three weeks, further fell last week to 16·9. During the four weeks ending on Saturday last the death-rate averaged 18·4 per 1000, being 1·0 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1478 deaths included 45 from measles, 6 from scarlet fever, 26 from diphtheria, 54 from whooping-cough, 4 from enteric fever, 10 from diarrhoea and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 145 deaths were referred to these diseases, being 86 below the corrected average weekly number.

The deaths from *measles*, which had been 29, 34, and 51 in the preceding three weeks, fell again last week to 45, and were 40 below the corrected average; 7 cases belonged to Hackney, 6 to Islington, and 5 to Camberwell sanitary areas. The deaths from *scarlet fever*, which had been 8, 6, and 7 in the preceding three weeks, were 6 last week, the corrected average being 16. The deaths from *diphtheria*, which had been 34, 20, and 29 in the preceding three weeks, fell again last week to 26, and were 11 below the corrected average; 6 cases belonged to Newington, and 3 to Lambeth sanitary areas. The deaths from *whooping-cough*, which had been 58, 54, and 47 in the preceding three weeks, rose again last week to 54, but were 19 below the corrected average; 7 cases belonged to Islington, 6 to Lambeth, and 5 to Fulham sanitary areas. The fatal cases of *enteric fever*, which had been 6, 14, and 3 in the preceding three weeks, were 4 last week, the corrected average being 7. The deaths from *diarrhoea*, which had been 11, 4, and 7 in the preceding three weeks, further rose last week to 10, but were 2 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 470, 343, and 277 in the preceding three weeks, rose again last week to 294, but were 56 below the corrected average. The deaths attributed directly to *influenza* numbered 41, having been 84, 78, and 39 in the preceding three weeks.

Different forms of violence caused 71 deaths, concerning all but 2 of which inquests were held. Of these 71 deaths, 8 were cases of suicide, and 2 of homicide, while the remaining 61 were attributed to accident or negligence. Eight of these were referred to vehicles in the streets, 5 to drowning, 1 to the effects of chloroform administered for surgical purposes, and 9 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3 cases of small-pox, 2131 cases of scarlet fever, 997 of diphtheria, and 124 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 226 cases, against 150, 163, and 189; of diphtheria, 110 cases, against 103, 108, and 108; and of enteric fever, 21 cases, against 13, 16, and 16.

#### GREATER LONDON.

In Greater London 3818 births and 1987 deaths were registered, corresponding to annual rates of 30·5 and 15·9 per 1000 of the estimated population. In the Outer Ring 19 deaths from measles, 8 from diphtheria, 25 from whooping-cough, 4 from "fever," and 3 from diarrhoea were registered. Ten deaths from measles, 4 from diphtheria, and 10 from whooping-cough occurred in West Ham district; 5 deaths from measles occurred in Edmonton district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·63 inches, and that of the Thermometer 50°·1; the latter being 1°·6 above the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 13 per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 17·8 hours; the measured rainfall amounted to 0·79 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Small-pox, Scarlet Fever, Diphtheria, Enteric Fever, or Typhus respectively; but in a considerable proportion of cases the diagnosis found after sojourn in the Hospital to have been erroneous.



CITIES AND BOROUGH.	POPULATION estimated to the middle of 1899.*	Registered during the Week ending 20th April 1899.		Deaths from										Deaths of Persons aged 60 Years and upwards.		Deaths in										TEMPERATURE OF THE AIR.		RAINFALL.		CITIES AND BOROUGH.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.	In Inches.	In Centi- metres.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
BIRTHS.		DEATHS.		Infants under 1 Year of Age.		Persons aged 60 Years and upwards.		Small-pox.		Measles.		Scarlet Fever.		Diphtheria.		Whooping- cough.		Typhoid.		Diarrhoea.		Violence.		Deaths in Public Institutions.		Unreported Causes of Death.		From All Causes.		From Cerebral Disease.		Highest.		Lowest.		Fahrenheit.		Centigrade.		Mean.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
33 TOWNS	11,404,408	6937	3862		880	1020	1	114	30	61	120	25	32	157	290	893	39	177	18	632	285	434	911	055	140	24.	33 TOWNS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

\* See note \* on first page of this return.



TABLE 2. LONDON.—Births and Deaths Registered in the SEVENTEENTH Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2522	2538	2507	2614	2582	2485	2691	2743	2750	2522	2730.7	2693
Males - - -	1279	1238	1310	1318	1318	1274	1330	1374	1379	1260	1386.7	1402
Females - -	1243	1250	1197	1296	1264	1211	1311	1369	1371	1262	1344.0	1291
<b>TOTAL Deaths -</b>	1462	1567	2006	1619	1570	1543	1508	1641	1442	1485	1666.9	1478
Males - - -	777	826	1060	823	857	788	802	831	763	773	874.1	733
Females - -	685	741	946	796	713	755	706	810	676	707	792.8	745

\*The numbers in this column are the average weekly numbers in the seventeenth week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Feb. 4.	Feb. 11.	Feb. 18.	Feb. 25.	Mar. 4.	Mar. 11.	Mar. 18.	Mar. 25.	Apr. 1.	Apr. 8.	Apr. 15.	Apr. 22.	Apr. 29.
<b>TOTAL Births</b> - -	2696	2802	2862	2752	2676	2627	2613	2480	2609	2554	2875	2759	2693
<b>TOTAL Deaths</b> - - -	1690	1991	1686	1875	1925	1954	2099	2025	1922	1816	1624	1499	1478
<b>Ages at Death</b>													
Under 1 year - -	330	430	328	351	395	368	376	370	377	341	320	317	325
1-5 years - - -	191	210	201	245	229	266	278	272	224	243	195	186	195
5-20 " - - -	78	109	101	104	91	165	106	89	90	99	79	83	87
20-40 " - - -	224	252	204	248	249	229	238	230	212	227	225	200	172
40-60 " - - -	358	399	321	364	387	375	436	423	380	367	341	303	269
60-80 " - - -	417	472	426	433	474	487	518	514	494	464	378	322	321
80 years and upwards	92	119	105	130	100	124	147	127	145	115	86	89	89
<b>Deaths from--</b>													
Small pox - - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles - - -	22	21	27	32	36	38	35	33	37	29	34	51	45
Scarlet Fever - -	8	7	4	7	7	9	7	4	4	8	6	7	6
Diphtheria - - -	32	49	40	29	48	36	45	37	31	34	20	29	26
Whooping-cough -	50	45	38	55	64	55	73	90	57	58	54	47	54
Typhus - - -	1	-	-	1	-	-	-	-	-	-	-	-	-
Enteric Fever - -	10	20	16	13	9	9	7	4	9	6	14	3	4
Simple Continued Fever	-	-	-	-	-	-	-	-	1	-	-	-	-
Diarrhoea and Dysentery	10	15	11	10	12	13	8	11	7	11	4	7	10
Cholera - - -	-	-	-	-	-	-	-	-	-	-	1	-	-
<b>All the above Diseases</b> -	133	157	136	147	176	160	175	179	146	146	133	144	145
<b>Dis. of Respiratory System</b> -	348	481	413	484	470	529	565	604	505	470	343	277	294
Phthisis - - -	189	192	154	175	206	201	209	182	139	174	173	160	140
Dis. of Circulatory System -	165	194	156	172	183	174	198	181	195	152	147	140	114
Violence - - -	74	69	79	68	76	80	75	56	63	89	83	65	71
Inquest Cases - - -	152	178	166	161	182	190	184	163	165	189	156	152	137
Deaths in Public Institutions -	539	593	471	556	577	568	637	532	503	534	509	472	432
<b>TEMPERATURE OF THE AIR.</b>													
Mean - - -	36.5	47.4	45.6	40.7	38.0	40.2	42.5	39.2	50.1	48.9	43.9	43.4	50.1
Mean of Highest readings -	40.1	51.7	51.7	48.2	47.7	49.4	52.4	40.9	59.0	56.1	52.2	52.3	57.3
Mean of Lowest readings -	30.6	42.7	39.9	34.0	28.3	31.1	33.8	24.8	43.2	44.0	37.2	34.7	44.1
Humidity of the Air - - -	83	83	82	81	79	73	87	68	77	77	80	75	76
Rain-fall (in inches) - -	0.18	1.19	0.72	0.02	0.04	0.07	0.00	0.11	0.37	0.49	1.27	0.43	0.79
Registered Sunshine (in hours)	7.4	10.5	22.0	18.9	34.1	43.7	19.7	31.3	19.5	25.3	21.9	26.5	17.8
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - - -	-	-	-	2	2	2	1	1	1	3	3	3	3
Scarlet Fever - - -	2663	2642	2587	2575	2584	2540	2437	2325	2322	2235	2126	2144	2131
Diphtheria - - -	1377	1373	1403	1394	1374	1313	1261	1200	1165	1126	1068	1034	997
Enteric Fever - - -	229	228	231	215	207	193	183	173	148	139	129	125	154

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R.Met.Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst.C.E., and P. Bobbyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.





TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 29th April, 1899.

The DEATHS registered during the Week include																		
REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of														Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from												
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.		
LONDON -	4,411,710	2693	1478	325	410	-	45	6	26	54	-	4	-	10	71	137	432	
WEST DISTRICTS.																		
St. Mary Paddington } G. & W.	90,996	51	26	5	14	-	-	-	-	2	-	-	-	-	2	2	6	
WHH St. John Paddington } H - - G.	33,510	7	9	1	3	-	-	-	-	-	-	-	-	-	2	3	5	
Kensington Town Ww - - W.	122,164	50	43	9	17	-	-	-	-	3	-	-	-	-	2	5	13	
Brompton HH- - - W. & C.	48,301	12	13	3	4	-	-	-	1	1	-	-	-	-	-	-	2	
North Hammersmith } H } W. & G }	44,638	31	15	4	4	-	1	-	-	1	-	-	-	-	-	1	-	
South Hammersmith } H }	59,561	36	17	3	7	-	-	-	-	2	-	-	-	-	3	3	4	
Fulham Ww - - - W. & C.	113,781	92	43	11	18	-	-	1	1	5	-	-	-	-	1	2	13	
Chelsea Kensal Town - - C.	21,450	13	3	-	-	-	1	-	-	-	-	-	-	-	-	-	-	
Chelsea North WHHHH - C.	42,057	20	17	-	7	-	-	-	-	1	-	-	-	-	-	-	11	
Chelsea South HE - - C.	33,139	20	9	1	2	-	-	-	-	-	-	-	-	-	-	1	-	
May Fair W - - - G.	23,827	9	13	1	6	-	-	-	-	-	-	-	-	-	-	-	9	
Belgrave WHHH - - C.	56,140	26	24	2	10	-	2	-	1	-	-	-	-	-	2	2	8	
St. John Westminster HH - C.	31,492	19	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Margaret Westminster H- C.	22,097	7	8	2	-	-	-	-	-	1	-	-	-	-	-	-	6	
St. James Westminster } N. & G.	23,050	5	9	3	4	-	-	-	-	1	-	-	-	-	-	-	1	
WHH St. Anne Soho HHHHHH - N.	12,048	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	3	
NORTH DISTRICTS.																		
All Souls Marylebone } - - W.	36,595	13	16	1	5	-	-	-	-	1	-	-	-	-	-	-	8	
HHHHHHHH Rectory Marylebone W } G. & W.	19,798	10	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary Marylebone } G. & W.	19,637	26	4	2	-	-	-	-	-	-	-	-	-	-	-	-	1	
HHHH Christchurch Marylebone H - W.	32,547	16	5	-	2	-	-	-	-	-	-	-	-	-	-	1	-	
St. John Marylebone HHH W.	32,611	13	12	1	7	-	-	-	-	-	-	-	-	-	-	-	1	
Hampstead } - N. & W.	75,449	33	19	3	2	-	1	1	-	-	1	-	-	-	1	2	7	
WwHHHHH Regent's Park Pancras HH - W.	37,341	26	8	1	3	-	1	-	-	-	-	-	-	-	-	1	2	
Tottenham-court } - N. & W.	26,757	11	11	2	2	-	-	-	-	-	-	-	-	-	2	3	6	
wHHHH Gray's Inn Lane HHH - - N.	29,426	13	12	6	1	-	-	-	-	-	-	-	-	1	2	2	5	
Somers Town HH - - N.	32,161	17	12	1	3	-	-	-	-	-	-	-	-	-	-	1	-	
Camden Town WH - - N.	16,669	10	12	1	8	-	-	-	-	-	-	-	-	-	2	2	9	
Kentish Town WW - - N.	98,410	61	23	8	3	-	1	-	-	1	-	1	-	1	-	-	6	
Upper Holloway } - - N.	98,273	58	54	9	22	-	1	-	-	-	-	-	-	1	1	3	30	
WWWwHH Islington South-west H - - N.	107,365	70	17	5	3	-	3	-	-	4	-	-	-	-	1	1	-	
Islington South-east - - N.	66,549	42	13	6	2	-	1	-	-	-	-	-	-	-	-	1	-	
Highbury HH - - N.	64,577	31	13	2	4	-	1	-	-	3	-	-	-	-	1	1	-	
Stoke Newington H - - N.	33,485	11	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-	
North Hackney - - E. & N.	21	14	2	5	-	1	-	-	-	-	-	-	-	-	2	3	-	
Central Hackney ww - E. & N.	17	2	6	-	-	-	5	-	1	1	-	-	-	-	-	1	2	
South-west Hackney HHH E. & N.	213,044	30	25	9	4	-	1	-	-	-	-	-	-	1	1	2	1	
South-east Hackney WwH E. & N.	46	25	2	10	-	-	-	-	-	-	-	-	-	-	4	4	14	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there, namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies which supply the different Sub-districts; G—Grand Junction Company; W—West Middlesex; C—Chelsea; S—Southwark and Vauxhall; L—Lambeth N. N. River; E—East London; and K—The Kent Company.

\* See note on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and re-named North Hammersmith and South Hammersmith, respectively.



TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday 29th April, 1899—continued.

REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation 1896.	Total BIRTHS.	Total DEATHS.	The DEATHS registered during the Week include														Deaths in Public Institutions	Uncertified Causes of Death
				Deaths of		Deaths from													
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.			
CENTRAL DISTRICTS.																			
George Bloomsbury - - N.	16,116	4	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hiles South WH - - N.	12,976	13	10	-	12	-	-	-	-	-	-	-	-	-	-	4	5	-	-
Hiles North H - - N.	3,151	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Martin-in-the-Fields HHN. & C.	13,077	2	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-
and WHH - - - N.	11,839	5	11	-	3	-	-	-	-	-	-	-	-	-	-	1	2	8	-
and Union Workhouse, Edmonton	†1,037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
born wHHHHHH - - N.	31,042	14	9	2	3	-	1	-	1	-	-	-	-	-	-	-	2	4	-
James Clerkenwell - - N.	15,777	12	3	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
well Clerkenwell - - N.	34,356	26	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
well-street - - - N.	16,069	9	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-road HHHL - - - N.	29,597	33	9	2	2	-	-	-	-	-	-	-	-	-	-	1	2	4	-
teacross-street - - N.	7,595	4	1	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
bury - - - N.	4,035	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
born Union Workhouse, } itcham - - -	†892	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-
Sotolph H - - N. & E.	6,870	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
legate - - - N.	3,299	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
epulchre WH - - N.	9,591	1	7	1	1	-	-	-	-	-	-	-	-	-	-	2	2	6	-
allows Barking - - N.	9,059	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ad Street H - - N.	2,892	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
of London Asylum, Stone - -	†388	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
EAST DISTRICTS.																			
reditch South Hl - E. & N.	17,975	7	6	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-
ton New Town w - - N.	29,575	18	12	4	7	-	-	-	-	-	-	-	-	-	-	1	1	7	-
ton Old Town - - N.	27,645	16	7	2	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
ggerston WH - - N. & E.	47,163	37	17	2	3	-	-	-	-	-	-	-	-	-	-	-	-	8	-
hnal Green North H - E.	49,301	42	11	2	1	-	-	-	1	1	-	-	-	-	-	-	-	-	-
hnal Green South - - E.	34,194	29	11	4	2	-	1	-	1	1	-	-	-	-	-	2	-	-	-
hnal Green East WHl - E.	45,667	32	25	4	11	-	-	-	-	-	-	-	-	-	1	2	14	-	-
alfields - - - E. & N.	26,681	20	4	2	-	-	-	-	-	1	-	-	-	-	-	1	1	-	-
End New Town* WH - E.	51,995 {	29	26	3	4	-	1	-	1	-	-	1	-	-	-	3	7	18	-
edman's Fields* - - E.		12	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
George's North - - E.	39,576	36	15	5	4	-	2	-	-	1	-	-	-	-	-	-	2	-	-
John, St. George East W E.	7,930	4	5	2	2	-	-	-	-	-	-	-	-	-	-	-	1	3	-
adwell H - - E. & N.	10,434	6	12	1	2	-	1	-	-	1	-	-	-	-	-	-	1	4	-
cliff W - - E.	14,954	6	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ehouse - - - E.	32,917	34	9	5	1	-	2	-	-	-	-	-	-	-	-	1	3	-	-
End Old Town West H E.	111,060 {	43	8	2	3	-	-	-	-	1	-	-	-	-	-	-	1	-	-
End Old Town East } W W W		47	15	2	5	-	1	-	-	-	-	-	-	-	-	1	2	5	-
w l - - E.	41,687	19	12	3	3	-	-	-	-	1	-	-	-	-	-	-	-	2	-
msley w w w H - - E.	69,821	33	35	2	9	-	-	-	-	-	2	-	-	-	-	2	4	15	-
olar WW - - E.	57,759	29	14	4	4	-	-	-	-	-	-	-	-	-	-	2	3	1	-

† Population in 1891, not included in the total population of the Central Districts or of London.

Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.

TABLE 5 LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒEA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 29th April, 1899—continued.

The DEATHS registered during the Week include																	
REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation, 1896.	Total BURIALS.	Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions	
			Infants under 1 Year of Age.	Persons aged 40 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Eutetic (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.			
SOUTH DISTRICTS.																	
Christchurch Southwark WH & S.	13,064	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Saviour Southwark - - S.	12,301	12	4	1	3	-	-	-	-	-	-	-	-	-	-	1	12
Kent-road - - S. & L.	22,879	11	10	5	2	-	-	-	-	1	-	-	-	-	-	-	5
Borough-road WH - - S. & L.	16,083	7	7	1	1	-	-	-	-	-	-	-	-	-	-	-	1
London-road HL - - L. & S.	21,316	22	6	5	5	-	-	-	-	-	-	-	-	-	-	-	1
Trinity Newington - - S. & L.	28,723	24	3	2	-	-	-	-	-	1	-	-	-	-	-	-	5
St. Peter Walworth W - - S. & L.	62,045	39	38	9	9	-	-	-	-	3	-	-	-	-	-	1	12
St. Mary Newington - - L. & S.	30,171	21	8	3	-	-	-	-	-	1	-	-	-	-	-	1	5
St. Olave WH - - - S.	11,731	9	13	2	1	-	-	-	1	-	-	-	-	-	-	6	12
Bermondsey W - - - S.	85,475	67	30	7	8	-	1	-	-	1	-	-	-	-	-	2	12
Rotherhithe WwH - - S. & K.	40,379	29	26	6	9	-	-	-	-	-	-	-	-	-	-	3	3
Waterloo-road HH - - L. & S.	28,396	27	6	3	-	-	-	-	-	-	-	-	-	-	-	1	3
Lambeth Church 1st H - - L. & S.	18,770	16	16	1	3	-	-	-	1	-	-	-	-	-	-	4	12
Lambeth Church 2nd WW - - L. & S.	40,994	37	24	4	10	-	1	-	-	3	-	-	-	-	-	-	11
Kennington 1st H - - S. & L.	52,486	50	20	9	4	-	-	-	-	2	-	-	-	-	-	2	-
Kennington 2nd - - S. & L.	43,244	24	7	1	4	-	1	-	-	-	-	-	-	-	-	1	-
Brixton w* - - L. & S.	81,825	44	23	6	3	-	-	-	5	1	-	-	-	-	-	1	4
Norwood WH - - - L.	29,318	16	7	2	2	-	-	1	-	-	-	-	-	-	-	-	-
East Battersea - - - S.	71,730	39	19	8	4	-	-	-	-	2	-	-	-	-	-	1	3
West Battersea WwH - - S.	93,385	61	16	3	2	-	1	-	-	2	-	-	-	-	-	1	1
Clapham H - - S.	46,953	35	13	3	4	-	-	-	-	-	1	-	-	-	-	1	1
Wandsworth WHHL - - S.	58,101	39	15	6	4	-	-	-	-	-	-	-	-	-	-	1	-
Putney - - S.	20,566	7	3	1	3	-	-	-	-	-	-	-	-	-	-	1	-
Streatham WwwwL - - L.	61,644	37	10	2	4	-	-	-	-	2	-	-	-	-	-	1	1
Dulwich - - - L. & S.	7,519	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell Wwll - - S. & L.	90,286	47	46	7	16	-	-	-	-	-	-	-	-	-	-	1	23
Peckham WW - - S., L. & K.	85,242	57	29	11	6	-	3	-	-	-	-	-	-	-	-	2	-
St. George Camberwell - - L. & S.	67,029	37	19	8	2	-	2	-	-	-	-	-	-	-	-	-	-
Deptford North - - - K.	36,152	27	18	9	-	-	-	-	-	-	-	-	-	-	-	-	-
Deptford Central w - - K.	45,441	26	10	1	-	-	1	-	3	-	-	-	-	-	-	-	3
Deptford South - - - K.	33,402	14	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Greenwich West H - - K.	23,012	10	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Greenwich East WH - - K.	37,767	16	19	6	5	-	3	-	-	-	-	-	-	-	1	1	11
Eltham wH - - - K.	5,911	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lee H - - - K.	24,222	9	5	1	1	-	-	-	-	-	-	-	-	-	1	1	1
Lewisham WwH - - - K.	38,139	30	23	3	6	-	1	3	4	-	-	-	-	-	1	1	14
Sydenham H - - - L.	37,601	19	8	1	4	-	-	-	-	-	-	-	-	-	-	-	-
Charlton wHH - - - K.	15,928	6	5	1	-	-	-	-	1	-	-	-	-	-	-	-	1
Woolwich Dockyard - - K.	19,355	13	5	-	1	-	-	1	-	-	-	-	-	-	-	-	2
Woolwich Arsenal HHHH - - K.	21,959	19	10	4	1	-	-	-	1	-	-	-	-	-	-	1	-
Plumstead West H - - K.	16,714	11	6	1	4	-	-	-	-	-	-	-	-	-	1	1	-
Plumstead East WH - - K.	42,538	33	12	5	1	-	1	-	-	-	-	-	-	-	1	1	3
Banstead Asylum - - - -	-	-	4	-	2	-	-	-	-	-	-	-	-	-	-	-	4
Caterham Asylum - - - -	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Cane Hill Asylum - - - -	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Hospital Ships and Camp, Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Darenth Asylum - - - -	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
London County Asylum, Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heath - - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hanwell Asylum - - - -	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Colney Hatch Asylum - - - -	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3
N.E. Hospital - - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winchmore Hill Hospital - - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leavesden Asylum - - - -	-	-	5	-	-	-	-	-	-	-	-	-	-	-	1	1	5
Claybury Asylum - - - -	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4

TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 29th April, 1899.

REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu-merated Popu-lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													
					Deaths of			Deaths from										
					Infants under 1 Year of Age.	Persons aged 50 Years & upwards.		Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
LONDON—OUTER RING	368,749	1,422,063	1125	509	106	142			19		8	25	4	3	25	48	58	11
1 Carshalton <i>WHH</i>	12,228	26,108	17	9	2	1					1				1	2		
2 Epsom, <i>part of</i> * <i>WHH</i>	10,423	12,508	5	4		2											1	
1 Godstone, <i>part of</i> * <i>W</i>	2,754	1,598	3															
1 Croydon <i>WHH</i>	20,851	128,699	73	44	8	16						2			5	7	7	
2 Mitcham <i>W</i>	11,697	23,072	14	4	1	1												
1 Wimbledon <i>HHH</i>	3,220	25,777	27	10	1	6											1	
2 Kingston <i>WH</i>		33,566	23	6	4													
3 Surbiton <i>H</i>	14,672	12,178	11	1														
4 Esher, <i>part of</i> * <i>HH</i>		11,080	4	5	1										1	1	1	
5 Hampton <i>HL</i>	4,565	18,252	14	6		2											1	
1 Richmond <i>WH</i>	2,160	25,389	12	6	1										1	1	2	
2 Mortlake <i>H</i>	2,823	16,159	13	7	1	2						1			1	1		
1 Bromley <i>HHH</i>	9,127	23,815	13	10	1	1						1					2	1
2 Beckenham <i>H</i>	6,542	21,969	14	11	3	4						1						
3 Chislehurst, <i>part of</i> * <i>WHH</i>	14,307	20,372	9	5		3												1
1 Bexley <i>HHH</i>	12,540	30,590	31	10	1	3			1			1						
2 Dartford <i>WH, part of</i> *				2		2											2	
1 Sunbury <i>W</i>	11,054	13,671	7															
2 Staines <i>WH</i>	13,277	13,221	9	7	1	3						1					3	1
1 Hillingdon <i>WHH</i>	6,035	12,237	4	6		3												1
2 Uxbridge	12,757	7,253	6	2	1	1												1
3 Hayes <i>WH</i>	7,952	11,051	4	1		1												
1 Isleworth <i>WHH</i>	6,967	26,004	16	10	2	5										1	4	
2 Twickenham <i>HH</i>	2,415	16,027	7	5	1	1												1
3 Brentford <i>HHHH</i>	4,318	37,777	20	8		6											1	
4 Chiswick	1,245	21,963	19	6	1										1	1		1
5 Acton <i>WHH</i>	6,132	30,945	25	19	3	6						2						
1 Harrow <i>HHH</i>	13,809	15,715	11	3		1			1									
2 Edgware <i>HH</i>	6,994	3,844	5															
3 Willesden <i>HHH</i>	4,363	61,265	73	23	3	2			2			1	3		2	5	2	
4 Hendon <i>WH</i>	6,382	15,843	17	9	2	4									1	1	6	
1 South Mimms <i>HH</i>		6,367	2															
2 Barnet <i>WHH</i>	21,077	14,152	13	7	1	3								1			4	
3 Finchley <i>HHH</i>	4,688	25,820	14	5	1							1			1	1		
1 Hornsey <i>HH</i>	3,039	61,097	39	15	3	5												
2 Tottenham <i>HH</i>	4,642	97,174	85	40	12	9			3			1	2		1	1	4	
3 Edmondson <i>WWW</i>	7,489	36,351	30	14	2	2			1							1	2	
4 Enfield <i>WWHH</i>	12,602	31,536	21	9	3	6			1									
5 Waltham Abbey	11,017	6,066	8	1	1													
6 Cheshunt <i>H</i>	8,480	9,620	8	2		2												
1 Hatfield, <i>part of</i> * <i>W</i>	3,306	582																
1 Bushey <i>H</i>	9,331	7,737	1	2		1											1	
2 Watford <i>WH, part of</i> *				1		1											1	
1 Stratford <i>H</i>		38,612	35	22	4	5			1			1					2	1
2 Plaistow <i>WHHH</i>		59,030	53	20	8	2			2						1	2	3	
3 Canning Town <i>H</i>		54,750	55	22	12	1			2						1	1		
4 Forest Gate <i>W</i>		53,511	33	14	1	5										1		
5 East Ham <i>WHH</i>	3,266	32,713	62	23	2	4			4						2	3		
6 Leyton <i>WWWH</i>	4,334	70,188	70	38	9	8			1			1	3	1	1	3	6	
7 Walthamstow <i>HHL</i>	6,501	57,330	57	21	5	5						2	1	1		1	1	
1 Chigwell, <i>part of</i> * <i>HHHH</i>	11,779	12,941	8	4	1	2						1				1		
2 Epping <i>WH, part of</i> *																		
1 Romford, <i>part of</i> * <i>WH</i>	6,556	4,324	2	1	1											1		
2 Ilford	8,493	10,913	15	4	2	1							2					
3 Barking Town, <i>H</i>	3,614	14,301	18	4		3												
Middlesex County Asylum, Wandsworth.				1		1											1	

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Waringham Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chislefield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in field sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.



TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 29th April, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.		
GREATER LONDON	443,421	6,523,434	15.9	1.6	1987	431	552	-	64	6	34	79	8	13	96		
INNER LONDON -	74,672	4,546,752	16.9	1.7	1478	325	410	-	45	6	26	54	4	10	71		
OUTER RING -	368,749	1,981,682	13.4	1.6	509	106	142	-	19	-	8	25	4	3	25		

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria	Whooping-cough.	Fever.	Diarrhoeal	
EDINBURGH -	298,927	April 29	183	98	17.1	-	3	-	-	3	-	-	
GLASGOW -	733,903	" 29	502	322	22.9	-	21	3	3	11	4	-	
DUBLIN -	349,594	" 29	227	199	29.7	-	-	-	1	8	3	-	
CALCUTTA -	466,460	January 28	-	-	-	-	-	-	-	-	-	-	
BOMBAY -	821,764	April 4	153	1978	125.2	10	111	?	?	?	1027	91	
MADRAS -	452,518	March 17	-	-	-	-	-	-	-	-	-	-	
PARIS -	2,511,629	April 22	1174	1107	22.2	-	34	5	8*	13	21	2	
BRUSSELS -	551,011	" 22	242	192	18.1	1	6	1	-	1	5	1	
AMSTERDAM -	512,758	" 15	285	163	16.5	-	-	1	-	5	1	-	
ROTTERDAM -	311,301	" 15	241	117	19.5	-	-	-	3	-	-	-	
THE HAGUE -	196,325	" 15	115	66	17.2	-	-	-	3	-	-	-	
COPENHAGEN -	345,000	" 22	161	118	17.8	-	5	-	1	-	-	-	
STOCKHOLM -	283,550	" 15	121	141	25.9	-	5	3	8*	4	-	-	
CHRISTIANIA -	203,337	" 22	138	71	18.1	-	-	2	-	-	-	-	
ST. PETERSBURG	1,132,677	" 15	599	599	27.6	3	15	4	19	11	19	4	
MOSCOW -	988,610	" 15	-	509	26.8	2	12	5	10	3	1	5	
BERLIN -	1,805,054	" 8	882	694	20.0	-	9	14	11	7	-	3	
HAMBURG -	675,351	" 22	-	184	14.2	-	-	-	1*	3	-	-	
DRESDEN -	389,300	March 11	256	193	25.7	-	-	-	5*	4	1	1	
BRESLAU -	406,012	April 22	-	152	19.5	-	-	4	-	-	1	1	
MUNICH -	445,000	" 15	309	214	25.0	-	-	-	4*	3	-	2	
VIENNA -	1,606,629	" 22	1026	770	24.7	-	21	11	3*	11	2	4	
PRAGUE -	380,497	" 15	189	225	30.4	-	5	4	3	-	-	-	
BUDA-PESTH -	666,722	" 15	468	362	28.2	-	12	6	4	1	5	-	
TRIESTE -	165,913	" 8	96	102	31.5	-	-	3	4*	2	-	-	
ROME -	500,610	" 8	211	151	15.7	-	-	-	1	-	3*	-	
TURIN (10 days)	344,203	March 20	218	219	23.2	-	-	-	2	20	-	-	
VENICE -	169,883	April 15	74	118	36.2	-	9	-	2*	-	1	1	
CAIRO -	570,062	February 11	-	-	-	-	-	-	-	-	-	-	
ALEXANDRIA -	319,766	" 11	-	-	-	-	-	-	-	-	-	-	
NEW YORK (including BROOKLYN)	3,550,053	April 8	1575	1300	19.1	-	14	11	29	5	7	7	
PHILADELPHIA -	1,266,832	" 8	-	584	24.0	-	-	3	3	4	48	-	

\* Including deaths from croup.

† Including 892 deaths from plague.

‡ Including 3 deaths from cholera.

§ Including 1 death from malarial fever.

1899.

1899.		Phases of the Moon.	Mean daily reading (corrected to 32° Fahrenheit.)	Of the Air.				Of the Dew Point Temperature.		Degree of Humidity (Saturation 100).	Radiation.		Of the Earth 3 feet below the Surface.	General Direction.		Oaler's.		Pressure on the Square Foot.		Robinson's.		Ozone			
MONTH AND DAY				High-est.	Low-est.	Daily Range.	Mean value.	De-parture from Average of 50 years.	Mean daily value.		Great-est.	Least.		Highest in the Shade.	Lowest on the Grass.	A.M.	P.M.	Great-est.	Least.	Mean of 34 obs.	Horizontal Movement of the Air on each Day.		Departure from Average of 16 Years.	Miles.	Miles.
APRIL.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°			
SUNDAY	- 23	..	30.042	55.9	36.4	19.5	46.5	- 1.9	36.3	10.2	16.7	68	121.7	32.0	45.96	S.	S. & SSE.	lbs. 3.3	lbs. 0.2	Miles. 279	Miles. - 8	0.5			
MONDAY	- 24	..	29.555	54.7	44.6	10.1	48.2	- 0.2	44.8	3.4	11.2	00	88	42.0	46.00	S. SSW. & SW.	S. SE. & ENE. W. WSW. & S.W.	1.5	0.0	213	- 70	2.5			
TUESDAY	- 25	Full	29.331	56.9	43.7	13.2	48.8	+ 0.4	41.3	7.5	17.4	02	76	40.0	46.23	SW. & W.	SW. & W. SSW. & S.W.	5.6	0.0	376	+ 97	0.0			
WEDNESDAY	26	..	29.485	54.1	43.5	10.6	49.1	+ 0.7	41.2	7.9	11.8	33	74	39.4	46.04	SW. & NNW.	NNW. & W. SSW. & S.W.	4.4	0.0	377	+ 102	0.0			
THURSDAY	- 27	..	29.776	57.9	45.9	12.0	50.5	+ 2.0	43.9	6.6	10.5	32	78	38.6	46.85	NW. & NNW.	ENE. & N. SSW. & S.W.	0.6	0.0	159	- 113	0.0			
FRIDAY	- 28	Greatest Dec. S.	29.686	62.0	45.7	16.3	53.9	+ 5.3	43.8	10.1	17.7	23	63	38.0	47.10	SSW. & SW.	WSW. & SSW.	2.0	0.0	283	+ 14	0.5			
SATURDAY	- 29	..	29.496	59.7	48.8	10.9	53.4	+ 4.6	46.6	6.8	10.6	00	78	44.3	47.47	SSW. & SW.	WSW. & W.	7.7	0.0	495	+ 229	1.5			
MEANS		-	29.626	57.3	44.1	13.2	50.1	+ 1.6	42.6	7.5	13.7	17	76	39.2	46.61	Variable	Variable	..	..	Sum 2182	Sum +251	Sum 0.79			
No. of Column	-	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.	EXPLANATORY (For explanation of symbols, see Note.)	Registered Sunshine in hours.		Sun above horizon in hours.		GENERAL REMARKS.	
		54	14.3	54	14.3	Very fine with bright solar halo till afternoon; overcast with rain afterwards.	
APRIL.							
SUNDAY - 23	W. P. till 7h. P.M.; V. N. and W. P. afterwards.	54	14.3	54	14.3	Overcast; frequent rain.	
MONDAY - 24	W. P. and W. N. generally.	00	14.3	14.3	14.3	Overcast with rain in morning; variable and showery afterwards.	
TUESDAY - 25	W. P. till 8h. A.M.; W. P. with occasional V. N. afterwards.	44	14.4	14.4	14.4	Variable and showery in morning; generally cloudy afterwards.	
WEDNESDAY - 26	V. P. and V. N. till 4h. A.M.; W. P. afterwards.	25	14.5	14.5	14.5	Fine; generally cloudy.	
THURSDAY - 27	W. P. throughout -	20	14.5	14.5	14.5	Generally overcast till evening; fine and partially cloudy afterwards.	
FRIDAY - 28	W. P. throughout -	03	14.6	14.6	14.6	Fine and partially cloudy till noon; cloudy with frequent showers till 4h. P.M.; fine afterwards.	
SATURDAY - 29	W. P. till 11h. A.M.; V. P. and V. N. till 4h. P.M.; W. P. afterwards.	32	14.7	14.7	14.7		
No. of Col. -	27	Sum 178	Sum 101.3	Sum 101.3	Sum 101.3		

The results apply to the civil day, or from midnight to midnight.

The height of the eastern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M. and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875. In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: - P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 30.16 in. at the beginning of the week to 29.20 in. by 2h. A.M. on the 28th; increased to 29.79 in. by 11h. A.M. on the 27th; decreased to 29.45 in. by 4h. P.M. on the 28th; and increased to 29.57 in. by the end of the week.

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1899.



# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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General Register Office, Somerset House,  
May 8th, 1899.

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 16·5 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Apr. 15.	Apr. 22.	Apr. 29.	May 6.		Apr. 15.	Apr. 22.	Apr. 29.	May 6.
33 Great Towns	19·5	18·3	17·7	16·5	Leicester - -	17·3	17·8	15·1	14·1
Birkenhead -	17·2	15·8	17·2	18·1	Liverpool - -	24·7	23·4	20·9	20·6
Birmingham -	24·0	20·8	20·6	16·6	London - - -	18·6	17·2	16·9	16·0
Blackburn -	18·1	21·6	18·9	13·1	Manchester - -	28·3	22·4	23·2	20·3
Bolton - - -	19·9	20·9	15·8	19·9	Newcastle-on-Tyne	17·3	22·6	16·6	17·3
Bradford - -	17·0	17·2	16·6	18·1	Norwich - - -	18·0	13·4	15·7	14·7
Brighton - -	27·1	22·0	15·7	17·3	Nottingham - -	18·5	18·5	19·2	15·2
Bristol - - -	17·2	18·2	14·0	15·4	Oldham - - -	24·6	20·1	19·4	17·6
Burnley - - -	20·3	12·9	12·5	16·1	Plymouth - - -	19·7	21·8	16·1	22·3
Cardiff - - -	11·2	11·8	14·0	10·9	Portsmouth - -	18·0	15·0	16·1	14·8
Croydon - - -	14·3	15·1	13·9	15·5	Preston - - -	18·6	18·2	19·5	19·5
Derby - - -	19·1	16·7	16·7	9·8	Salford - - -	21·5	18·6	18·4	19·8
Gateshead - -	21·5	16·1	11·3	13·2	Sheffield - - -	17·0	17·8	18·0	14·6
Halifax - - -	19·2	16·0	17·1	18·7	Sunderland - -	22·6	21·1	22·9	17·2
Huddersfield -	21·7	17·1	17·1	18·6	Swansea - - -	18·1	13·1	13·1	14·1
Hull - - -	19·1	16·0	18·0	17·6	West Ham - - -	13·0	18·2	15·5	10·6
Leeds - - -	16·6	19·1	19·8	18·5	Wolverhampton	26·4	20·0	27·6	17·0

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·2 in Salford, 2·2 in Manchester, and 2·6 in Bolton; from *whooping-cough*, 1·0 in Huddersfield, 1·1 in Cardiff, in Bradford, and in Hull, 1·2 in Salford, 1·7 in Oldham, 1·8 in Birkenhead and in Preston, and 2·8 in Burnley; and from *diarrhoea*, 1·5 in Derby. In none of the thirty-three towns did the death-rate from *scarlet fever*, or from "fever," reach 1·0 per 1,000. The 57 deaths from *diphtheria* included 21 in London, 6 in Leicester, 5 in Leeds, 5 in Sheffield, 4 in Birmingham, and 3 in West Ham. Two deaths from *small-pox* were registered in Hull, but not one in any other of the thirty-three towns.

#### LONDON.

In LONDON† 2623 BIRTHS and 1397 DEATHS were registered. Allowing for increase of population, the births were 162, and the deaths 212,

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 18·6, 17·2, and 16·9 in the preceding three weeks, further fell last week to 16·0. During the four weeks ending on Saturday last the death-rate averaged 17·2 per 1000, being 2·0 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1397 deaths included 36 from measles, 10 from scarlet fever, 21 from diphtheria, 47 from whooping-cough, 7 from enteric fever, 12 from diarrhoea and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 133 deaths were referred to these diseases, being 92 below the corrected average weekly number.

The deaths from *measles*, which had been 34, 51, and 45 in the preceding three weeks, further fell last week to 36, and were 47 below the corrected average; 5 cases belonged to Lambeth, and 4 to Bethnal Green sanitary areas. The deaths from *scarlet fever*, which had been 6, 7, and 6 in the preceding three weeks, rose again last week to 10, but were 6 below the corrected average; 2 cases belonged to Fulham, 2 to Bermondsey, and 2 to Greenwich sanitary areas. The deaths from *diphtheria*, which had been 20, 29, and 26 in the preceding three weeks, further fell last week to 21, and were 13 below the corrected average; 4 cases belonged to St. Pancras, 3 to Poplar, and 3 to Camberwell sanitary areas. The deaths from *whooping-cough*, which had been 54, 47, and 54 in the preceding three weeks, fell again last week to 47, and were 18 below the corrected average; 6 cases belonged to Islington sanitary area. The fatal cases of *enteric fever*, which had been 14, 3, and 4 in the preceding three weeks, further rose last week to 7, the corrected average being 8. The deaths from *diarrhoea*, which had been 4, 7, and 10 in the preceding three weeks, further rose last week to 12, but were 5 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 343, 277, and 294 in the preceding three weeks, further fell last week to 251, and were 72 below the corrected average. The deaths attributed directly to *influenza* numbered 25, having been 78, 39, and 41 in the preceding three weeks.

Different forms of violence caused 73 deaths, concerning all but 1 of which inquests were held. Of these 73 deaths, 4 were cases of suicide, 3 of homicide, and 1 of execution, while the remaining 65 were attributed to accident or negligence. Nine of these were referred to vehicles in the streets, 6 to drowning, 2 to the effects of chloroform administered for surgical purposes, and 14 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2139 cases of scarlet fever, 1040 of diphtheria, and 118 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 219 cases, against 163, 189, and 226; of diphtheria, 182 cases, against 108, 108, and 110; and of enteric fever, 15 cases, against 16, 16, and 21.

#### GREATER LONDON.

In Greater London 3726 births and 1838 deaths were registered, corresponding to annual rates of 29·8 and 14·7 per 1000 of the estimated population. In the Outer Ring 11 deaths from measles, 3 from scarlet fever, 14 from diphtheria, 15 from whooping-cough, 6 from "fever," and 5 from diarrhoea were registered. Four deaths from measles, and 9 from diphtheria occurred in West Ham district; 4 deaths from measles occurred in Hendon district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 30·02 inches, and that of the Thermometer 46°·4; the latter being 3°·4 below the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 5 per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 49·7 hours; no rain was measured during the week.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Small-pox, Scarlet Fever, Diphtheria, Enteric Fever, or Typhus respectively; but in a considerable proportion of cases the diagnosis found after sojourn in the Hospital to have been erroneous.



[illegible]

\* See note \* on first page of this return.



TABLE 2. LONDON.—Births and Deaths Registered in the EIGHTEENTH Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2712	2613	2658	2735	2625	2637	2837	2565	2633	2449	2784.9	2623
Males - -	1393	1373	1408	1394	1338	1288	1421	1322	1365	1232	1424.0	1314
Females - -	1319	1240	1250	1341	1287	1349	1416	1243	1273	1217	1360.9	1309
<b>TOTAL Deaths</b>	1386	1533	2069	1549	1576	1423	1395	1570	1323	1464	1609.0	1397
Males - -	729	811	1056	819	805	759	729	815	720	761	841.8	705
Females - -	657	722	1013	730	771	672	666	755	603	703	767.2	692

\*The numbers in this column are the average weekly numbers in the eighteenth week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Feb. 11.	Feb. 18.	Feb. 25.	Mar. 4.	Mar. 11.	Mar. 18.	Mar. 25.	Apr. 1.	Apr. 8.	Apr. 15.	Apr. 22.	Apr. 29.	May 6.
<b>TOTAL Births</b> - -	2802	2862	2752	2676	2627	2613	2480	2609	2554	2875	2759	2693	2623
<b>TOTAL Deaths</b> - -	1891	1686	1875	1925	1954	2099	2025	1922	1816	1624	1499	1478	1397
<b>Ages at Death</b>													
Under 1 year - -	430	328	351	395	363	376	370	377	341	320	317	325	277
1-5 years - -	210	201	245	229	266	278	272	224	203	195	186	195	165
5-20 " - -	109	101	104	91	105	106	89	90	99	79	82	87	84
20-40 " - -	252	204	248	249	229	238	230	212	227	225	200	172	202
40-60 " - -	399	321	364	387	375	436	423	380	367	341	303	289	282
60-90 " - -	472	426	433	474	487	518	514	494	464	378	322	321	305
80 years and upwards	119	105	130	100	124	147	127	145	115	86	89	89	82
<b>Deaths from—</b>													
Small pox - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles - -	21	27	32	36	38	35	33	37	29	34	51	45	36
Scarlet Fever - -	7	4	7	7	9	7	4	4	8	6	7	6	10
Diphtheria - -	49	40	29	48	36	45	37	31	34	20	29	26	21
Whooping-cough - -	45	38	55	64	55	73	90	57	58	54	47	54	47
Typhus - -	-	-	1	-	-	-	-	-	-	-	-	-	-
Enteric Fever - -	20	16	13	9	9	7	4	9	6	14	3	4	7
Simple Continued Fever - -	-	-	-	-	-	-	-	1	-	-	-	-	-
Diarrhoea and Dysentery - -	15	11	10	12	13	8	11	7	11	4	7	10	12
Cholera - -	-	-	-	-	-	-	-	-	-	1	-	-	-
<b>All the above Diseases</b> - -	157	136	147	176	160	175	179	146	146	133	144	145	133
<b>Dis. of Respiratory System</b> - -	481	413	484	470	529	565	604	505	470	343	277	294	251
Phthisis - -	192	154	175	206	201	209	182	139	174	173	160	140	145
Dis. of Circulatory System - -	194	156	172	183	174	198	181	195	152	147	140	114	145
Violence - -	69	79	68	76	80	75	56	63	89	83	65	71	73
Inquest Cases - -	178	166	151	182	190	184	163	155	189	156	152	137	131
Deaths in Public Institutions - -	593	471	556	577	668	637	532	503	534	509	472	432	473
<b>TEMPERATURE OF THE AIR.</b>													
Mean - -	47.4	45.6	46.7	38.0	40.2	42.5	32.2	50.1	48.9	43.9	43.4	50.1	46.4
Mean of Highest readings - -	51.7	51.7	48.2	47.7	49.4	52.4	40.9	59.0	56.1	52.2	52.3	57.3	55.3
Mean of Lowest readings - -	42.7	39.9	34.0	28.3	31.1	33.8	24.8	43.2	44.0	37.2	34.7	44.1	37.2
<b>Humidity of the Air</b> - -	83	82	81	79	73	87	63	77	77	80	75	76	67
<b>Rain-fall (in inches)</b> - -	1.19	0.72	0.02	0.04	0.07	0.00	0.11	0.37	0.49	1.27	0.43	0.79	0.00
<b>Registered Sunshine (in hours)</b>	10.5	22.0	28.9	34.1	43.7	19.7	31.3	19.5	25.3	21.9	26.5	17.8	49.7
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - -	-	-	2	2	2	1	1	1	1	3	3	-	-
Scarlet Fever - -	2642	2587	2575	2584	2540	2437	2355	2322	2235	2138	2144	2131	2139
Diphtheria - -	1373	1403	1394	1374	1313	1261	1290	1165	1129	1068	1034	997	1040
Enteric Fever - -	228	231	215	207	193	183	173	148	139	129	125	124	118

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Bobbyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the EIGHTEENTH Week of the Year 1899.

USES OF DEATH	Corrected Averages for the 18th Week of the 10 years 1889-98.	In the Week ending Saturday, 6th May 1899.								CAUSES OF DEATH	Corrected Averages for the 18th Week of the 10 years 1889-98.	In the Week ending Saturday, 6th May 1899.							
		Deaths of Persons of the Ages										Deaths of Persons of the Ages							
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.
			0-1.	1-5.	5-20.								0-1.	1-5.	5-20.				
CAUSES	1609.0	1397	277	165	84	202	282	305	82	Diseases of Circulatory System	138.1	145	-	3	7	23	38	60	14
- { Vaccinated†	0.6	-	-	-	-	-	-	-	-	Croup	4.3	1	1	-	-	-	-	-	-
- { Unvaccinated	0.4	-	-	-	-	-	-	-	-	Bronchitis	159.2	111	23	7	1	3	15	49	13
- { No Statement	0.6	-	-	-	-	-	-	-	-	Pneumonia	129.4	112	17	33	6	11	23	19	3
st Fever	83.3	36	7	26	3	-	-	-	-	Pleurisy	7.6	4	-	-	-	1	1	2	-
nt Fever	16.1	10	-	9	1	-	-	-	-	Other Diseases of Respiratory System	22.9	23	1	3	1	2	5	9	2
ing Fever	0.1	-	-	-	-	-	-	-	-	Dentition	11.4	4	2	2	-	-	-	-	-
ing Fever	-	-	-	-	-	-	-	-	-	Quinsy, Sore Throat	1.8	1	-	1	-	-	-	-	-
ing-cough	30.4	5	-	1	9	5	8	2	-	Enteritis	11.0	17	13	1	-	1	-	2	-
eria	64.5	19	27	1	-	-	-	-	-	Peritonitis	6.8	4	-	1	1	2	-	-	-
e Continued and	34.2	21	3	12	6	-	-	-	-	Diseases of Liver	25.7	38	1	1	2	6	24	3	1
efined Fever	0.3	-	-	-	-	-	-	-	-	Other Diseases of Digestive System	33.4	27	4	2	1	7	7	5	1
o Fever	7.8	7	-	1	5	1	-	-	-	Diseases of Lymphatic System & of Ductless Glands	1.9	1	-	-	-	-	1	-	-
o and Chol. Diarr.	0.1	-	-	-	-	-	-	-	-	Diseases of Urinary System	44.0	39	-	1	2	5	18	10	3
o, Dysentery	16.6	12	6	1	-	-	4	1	-	Diseases of Generative System	5.3	2	-	-	-	1	-	-	1
tent Fever	0.2	-	-	-	-	-	-	-	-	Accidents of Childbirth	5.2	3	-	-	3	-	-	-	-
phobia	-	-	-	-	-	-	-	-	-	Diseases of Locomotive System	6.5	5	-	2	1	-	1	1	-
ers	-	-	-	-	-	-	-	-	-	Diseases of Integumentary System	5.6	5	-	1	1	-	1	1	1
ox and Effects of	0.1	-	-	-	-	-	-	-	-	VIOLENT DEATHS†									
ination	6.2	6	4	1	-	1	-	-	-	(ACCIDENT)									
real Affections	4.4	2	-	-	-	1	-	-	-	By Railways		1	-	-	1	-	-	-	-
elas	1.8	1	1	-	-	-	-	-	-	By Vehicles or Horses		9	-	1	2	2	1	2	1
ia and Septicæmia	4.0	4	-	-	-	3	1	-	-	In Ships, Boats, Docks, (exclusive of Drowning)		1	-	-	-	1	-	-	
ymotic Diseases	2.0	2	-	1	-	-	1	-	-	In Building Operations		4	-	-	2	2	-	-	
h	1.1	-	-	-	-	-	-	-	-	In Conflagrations		-	-	-	-	-	-	-	
s and other Para-	0.4	-	-	-	-	-	-	-	-	By Burns, Scalds, Explosions		7	-	2	4	-	1	-	
al Diseases	-	-	-	-	-	-	-	-	-	By Drowning		6	-	-	2	3	1	-	
ation, Want of	2.1	1	1	-	-	-	-	-	-	By Suffocation in Bed		14	14	-	-	-	-	-	
st-milk	9.2	12	-	-	-	3	7	2	-	By Poisons or Poisonous Vapours		3	-	1	1	1	-	-	
olism	-	-	-	-	-	-	-	-	-	Other or not stated causes		20	2	2	3	2	5	5	1
matic Fever, Inflammation of Heart	5.6	4	-	1	1	2	-	-	-	(VIOLENCE OTHER THAN ACCIDENTAL)									
matism	1.7	2	-	-	-	1	-	1	-	Homicide	1.1	3	1	-	1	-	1	-	-
ts	4.0	3	-	-	-	2	1	-	-	Suicide	10.5	4	-	-	2	-	1	1	-
r	6.2	2	1	1	-	-	-	-	-	Execution	-	1	-	-	-	-	-	-	-
r	67.3	71	-	2	5	34	27	3	-	OTHER CAUSES	39.9	31	29	-	1	1	-	-	-
Mesenterica	18.0	19	10	5	4	-	-	-	-										
cular Meningitis	25.8	15	7	4	3	1	-	-	-										
ts	160.2	145	1	2	15	64	49	13	1										
la, Tuberculosis	22.1	30	7	7	8	3	2	2	1										
Constitutional	12.8	11	1	-	-	5	2	3	-										
ases	-	-	-	-	-	-	-	-	-										
ature Birth	46.6	62	62	-	-	-	-	-	-										
ptosis	2.7	4	4	-	-	-	-	-	-										
inital Malforma-	8.5	3	2	-	1	-	-	-	-										
s	-	-	-	-	-	-	-	-	-										
ge	47.2	60	-	-	-	1	31	28	-										
xy	42.4	33	-	-	1	2	10	17	3										
psy	7.4	10	-	-	-	2	4	4	-										
usions	24.6	23	21	1	1	-	-	-	-										
Diseases of Brain	85.0	67	12	6	2	14	13	18	2										
Nervous System	-	-	-	-	-	-	-	-	-										
ses of Organs of	-	-	-	-	-	-	-	-	-										
cial Sense	2.2	1	-	-	-	1	-	-	-										

The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered in each SUB-DISTRICT during the Week ending Saturday, 6th May, 1899.

REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	The DEATHS registered during the Week include													
				Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple Continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON -	4,411,710	2623	1397	277	387	-	36	10	21	47	-	7	-	12	73	131	473
WEST DISTRICTS	778,251	426	250	51	77	-	1	1	3	8	-	-	-	1	19	31	81
NORTH DISTRICTS	1,040,694	607	315	54	85	-	6	2	8	11	-	4	-	2	19	31	108
CENTRAL DISTRICTS	233,635	121	88	22	15	-	1	-	-	4	-	1	-	1	7	13	23
EAST DISTRICTS	716,334	510	244	53	62	-	14	-	1	10	-	-	-	2	10	31	97
SOUTH DISTRICTS	1,642,796	959	458	97	134	-	14	6	9	14	-	2	-	2	18	25	117
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*	-	-	42	-	14	-	-	1	-	-	-	-	-	3	-	-	42
WEST DISTRICTS.																	
St. Mary Paddington } G. & W.	90,996	53	38	11	11	-	-	-	-	2	-	-	-	-	1	3	7
WHH																	
St. John Paddington H - - G.	33,510	10	12	-	3	-	-	-	-	-	-	-	-	-	2	3	5
Kensington Town Ww - - W.	122,164	66	50	9	16	-	-	-	1	2	-	-	-	-	2	4	18
Brompton HH - - W & C.	48,301	10	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-
North Hammersmith H } W. & G.	44,638	34	13	5	3	-	-	-	-	-	-	-	-	-	2	2	-
South Hammersmith H }	59,561	33	15	2	5	-	-	-	-	-	-	-	-	-	2	3	4
Fulham Ww - - W. & C.	113,781	102	33	9	8	-	-	1	2	3	-	-	-	-	6	6	9
Chelsea Kensal Town - C.	21,450	12	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Chelsea North WHHHHH - C.	42,057	25	18	3	6	-	-	-	-	-	-	-	-	-	-	-	11
Chelsea South HH - - C.	33,139	20	5	2	-	-	-	-	-	-	-	-	-	-	-	1	-
May Fair W - - - G.	23,827	6	13	1	7	-	1	-	-	-	-	-	-	-	-	-	12
Belgrave WHHH - - C.	56,140	21	19	3	6	-	-	-	-	1	-	-	-	-	3	5	8
St. John Westminster HH - C.	31,492	17	5	1	1	-	-	-	-	-	-	-	-	-	-	3	-
St. Margaret Westminster H - C.	22,097	4	13	2	3	-	-	-	-	-	-	-	-	-	1	1	5
St. James Westminster } N. & G.	23,050	8	8	3	2	-	-	-	-	-	-	-	-	-	1	-	2
WHH																	
St. Anne Soho HHHHHH - N.	12,048	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																	
All Souls Marylebone - - W.	36,595	17	17	-	3	-	-	-	1	1	-	-	-	-	1	1	10
HHHHHHHHH																	
Rectory Marylebone W - G. & W.	19,798	3	6	2	4	-	-	-	-	-	-	-	-	-	1	1	5
St. Mary Marylebone } G. & W.	19,637	17	4	-	3	-	-	-	-	-	-	-	-	-	-	-	-
HHHH																	
Christchurch Marylebone H - W	32,547	15	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. John Marylebone HHH W.	32,611	17	5	1	2	-	-	-	-	-	-	-	-	-	2	3	-
Hampstead } - N. & W.	75,449	30	20	5	3	-	-	1	3	-	-	1	-	-	1	2	8
WwHHHH																	
Regent's Park Pancras HH - W.	37,341	23	6	-	4	-	-	-	-	-	-	-	-	-	-	-	1
Tottenham-court } - N. & W.	26,757	16	17	3	4	-	-	-	1	1	-	-	-	-	1	-	11
WHHHH																	
Gray's Inn Lane HHH - N.	29,426	16	16	6	2	-	-	-	-	1	-	-	-	-	2	2	9
Somers Town HH - - N.	32,161	15	10	-	2	-	1	-	-	-	-	-	-	-	2	2	2
Camden Town WH - - N.	16,669	14	7	1	3	-	-	-	-	-	-	-	-	-	1	2	6
Kentish Town WW - - N.	98,410	55	30	5	7	-	-	-	-	-	-	-	-	-	2	2	8
Upper Holloway } - - N.	98,273	62	35	4	11	-	1	-	-	1	-	-	-	-	-	-	23
WWWwHH																	
Islington South-west H - N.	107,365	77	28	4	5	-	-	-	-	5	-	-	-	-	2	2	-
Islington South-east - - N.	66,549	41	18	4	6	-	-	-	-	-	-	1	-	1	3	4	-
Highbury HH - - N.	64,577	40	17	4	4	-	1	-	-	1	-	-	-	-	-	-	1
Stoke Newington H - - N.	33,485	14	5	1	3	-	1	-	-	-	-	-	-	-	-	-	-
North Hackney - - E. & N.		24	12	2	4	-	-	-	-	-	-	-	-	-	1	4	-
Central Hackney ww - E. & N.		24	19	5	5	-	2	-	3	-	-	2	-	-	-	-	6
South-west Hackney HHH E. & N.	213,044	41	17	4	4	-	1	-	-	1	-	-	-	-	-	1	7
South-east Hackney WwH E. & N.		46	24	3	6	-	-	1	-	-	-	-	-	-	1	5	11

NOTE.—The *Italic* letters placed against the names of the sub-districts denote Public Institutions situated there: namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signify Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. N. River; E. East London; and K. the Kent Company.

\* See note on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and re-named North Hammersmith and South Hammersmith, respectively.



TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday 6th May, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation.  1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include															Deaths in Public Institution	Uncertified Causes of Death
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from														
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence	Inquest Cases				
CENTRAL DISTRICTS.																				
George Bloomsbury - - N.	16,116	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
Hills South WH - - - N.	12,976	14	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hills North H.- - - N.	3,151	7	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Martin-in-the-Fields HHN. & C. and WHH - - - N.	13,077	1	10	1	-	-	-	-	-	-	-	-	-	-	-	2	3	4		
and Union Workhouse, Edmonton	11,839	9	7	1	1	-	-	-	-	-	-	-	-	-	-	-	1	3		
	†1,037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
born w HHHHHHH - - N.	31,042	12	13	6	-	-	-	-	-	1	-	1	-	-	-	-	-	6		
James Clerkenwell - - N.	15,777	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
Well Clerkenwell - - - N.	34,356	15	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Well-street - - - N.	16,069	8	6	1	3	-	-	-	-	1	-	-	-	-	-	-	2	-		
7-road HHH - - - N.	29,897	26	9	2	3	-	-	-	-	1	-	-	-	-	-	1	2	-		
Atecross-street - - - N.	7,595	3	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
sbury - - - N.	4,035	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
born Union Workhouse, } titcham - - -	†892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Botolph H - - - N. & E.	6,870	2	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
oplegate - - - N.	3,299	3	2	1	1	-	-	-	-	-	-	-	-	-	-	-	3	-		
Sepulchre WH - - - N.	9,591	7	17	3	3	-	-	1	-	-	-	-	-	-	-	-	5	10		
allowes Barking - - - N.	9,059	1	3	-	-	-	-	-	-	1	-	-	-	-	-	1	1	-		
ad Street H - - - N.	2,892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
of London Asylum, Stone - -	†388	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
EAST DISTRICTS.																				
reditch South H - - E. & N.	17,975	8	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ton New Town w - - N.	29,575	13	15	-	9	-	1	-	-	2	-	-	-	-	-	-	2	-		
ton Old Town - - - N.	27,645	17	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
ggerston WH - - - N. & E.	47,163	39	21	4	3	-	1	-	-	1	-	-	-	-	1	-	10	-		
hnal Green North H - - E.	49,301	32	13	4	3	-	-	-	-	-	-	-	-	-	-	1	5	1		
hnal Green South - - E.	34,194	25	12	3	2	-	4	-	-	-	-	-	-	-	-	1	3	-		
hnal Green East WH - - E.	45,667	27	11	1	6	-	-	-	-	-	-	-	-	-	-	1	2	9		
alfields - - - E. & N.	26,681	28	4	-	3	-	-	-	-	-	-	-	-	-	-	-	1	-		
le End New Town* WH - - E.	51,995	24	32	6	1	-	1	-	-	-	-	-	-	-	-	2	4	24		
odman's Fields* - - E.		9	2	1	1	-	-	-	-	1	-	-	-	-	-	1	-	-		
George's North - - - E.	39,576	38	11	5	1	-	2	-	-	-	-	-	-	-	-	1	1	-		
John, St. George East W E.	7,930	14	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2		
adwell H - - - E. & N.	10,434	7	8	5	-	-	1	-	-	-	-	-	-	-	-	1	2	7		
cliff W - - - E.	14,954	10	3	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-		
ehouse - - - E.	32,917	21	9	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-		
le End Old Town West H E.	111,060	42	11	4	1	-	1	-	-	-	-	-	-	-	1	1	1	-		
le End Old Town East } W w w		39	24	2	15	-	-	-	-	-	-	-	-	-	-	-	1	15		
w l - - - E.	41,687	27	3	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-		
ymley w w w H - - - E.	69,821	41	40	11	10	-	-	-	-	-	5	-	-	-	-	1	1	3		
plar WW - - - E.	57,759	49	11	1	4	-	-	-	-	1	-	-	-	-	-	1	3	1		

† Population in 1891, not included in the total population of the Central Districts or of London.

Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District

TABLE 5 LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 6th May, 1899—continued.

The DEATHS registered during the Week include																			Deaths in Public Institutions
REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of			Deaths from												
				Infants under 1 Year of Age.	Persons aged 50 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.			
SOUTH DISTRICTS.																			
Christchurch Southwark WH & S.	13,064	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Saviour Southwark - - - S.	12,301	3	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kent-road - - - S. & L.	22,879	18	4	1	1	-	-	-	-	-	-	1	-	-	-	-	-	1	-
Borough-road WH - - - S. & L.	16,083	9	6	2	2	-	-	1	-	-	-	1	-	-	-	-	-	-	2
London-road HL - - - L. & S.	21,316	15	5	1	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Trinity Newington - - - S. & L.	28,723	18	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-
St. Peter Walworth W - - S. & L.	62,045	36	14	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	2
St. Mary Newington - - - L. & S.	30,171	14	7	3	1	-	-	-	-	-	-	2	-	-	-	-	-	-	-
St. Olave WH - - - S.	11,731	7	13	2	3	-	-	1	-	-	-	-	-	-	-	-	1	2	11
Bermondsey W - - - S.	85,475	62	18	4	7	-	-	-	-	-	-	1	-	-	-	-	-	1	2
Rotherhithe WwH - - - S. & K.	40,379	19	19	6	2	-	-	1	-	-	-	1	-	-	-	-	2	2	3
Waterloo-road HH - - - L. & S.	28,396	36	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lambeth Church 1st H - - - L. & S.	18,770	12	13	3	1	-	-	-	-	-	-	-	-	-	-	-	2	2	7
Lambeth Church 2nd WW - - - L. & S.	40,994	27	20	6	6	-	-	-	-	1	2	-	-	-	-	-	2	3	10
Kennington 1st H - - - S. & L.	52,486	22	10	3	3	-	-	-	-	-	-	1	-	-	-	-	1	1	+
Kennington 2nd - - - S. & L.	43,244	19	10	1	2	-	-	2	1	1	-	-	-	1	-	-	-	+	+
Brixton w - - - L. & S.	81,825	50	20	3	6	-	-	3	-	-	-	-	-	-	-	-	-	-	+
Norwood WH - - - L.	29,318	19	6	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	+
East Battersea - - - S.	71,730	33	14	4	3	-	-	-	-	-	-	-	-	-	-	-	3	2	-
West Battersea WwH - - - S.	93,385	44	22	4	6	-	-	-	-	-	-	-	-	-	-	-	1	2	11
Clapham H - - - S.	46,953	23	7	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wandsworth WHHL - - - S.	58,101	35	13	3	3	-	-	-	-	1	-	-	-	-	-	-	1	1	-
Putney - - - S.	20,566	11	10	2	4	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Streatham WwwwL - - - L.	61,644	30	20	4	8	-	-	2	1	-	-	-	-	-	-	-	-	1	4
Dulwich - - - L. & S.	7,519	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell Wwll - - - S. & L.	90,286	50	48	2	21	-	-	-	-	-	-	-	-	-	-	-	1	1	36
Peckham WW - - - S., L. & K.	88,242	49	18	4	7	-	-	1	-	1	-	-	-	-	-	-	-	-	-
St. George Camberwell - - - L. & S.	67,029	48	14	6	3	-	-	-	-	-	-	1	-	-	-	1	-	1	-
Deptford North - - - K.	36,152	22	9	3	1	-	-	-	-	1	2	-	-	-	-	-	-	-	-
Deptford Central w - - - K.	45,441	27	15	2	4	-	-	-	-	1	3	-	-	-	-	-	1	1	4
Deptford South - - - K.	33,402	15	3	1	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Greenwich West H - - - K.	23,012	15	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Greenwich East WH - - - K.	37,767	33	23	2	5	-	-	1	-	-	-	-	-	1	-	-	-	-	12
Eltham wH - - - K.	5,911	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lee H - - - K.	24,222	11	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lewisham WwH - - - K.	38,139	20	18	1	5	-	-	-	1	1	-	-	-	-	-	-	1	1	8
Sydenham H - - - L.	37,601	20	8	4	3	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Charlton wHH - - - K.	15,928	10	4	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	3
Woolwich Dockyard - - - K.	19,355	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Woolwich Arsenal HHHH - - - K.	21,959	15	6	2	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Plumstead West H - - - K.	16,714	7	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plumstead East WH - - - K.	42,538	34	13	6	4	-	-	-	-	-	-	-	-	-	-	-	1	1	1
Banstead Asylum - - - -	-	-	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	6
Caterham Asylum - - - -	-	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Cane Hill Asylum - - - -	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Hospital Ships and Camp, Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Darenth Asylum - - - -	-	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3
London County Asylum, Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heath - - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hauwell Asylum - - - -	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
Colney Hatch Asylum - - - -	-	-	5	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	5
N.E. Hospital - - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winchmore Hill Hospital - - - -	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Leavesden Asylum - - - -	-	-	8	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	8
Claybury Asylum - - - -	-	-	11	-	2	-	-	-	-	-	-	-	-	-	-	1	-	-	11

**TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 6th May, 1899.**

[illegible]

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Waringham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 40: 3, Chislehurst sub-district, except the parishes of Chelsfield, Gudham, and Knockholt (pop. 3,087); 155: 1, the parish of Northlew in Abfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and the part of the parish of Epping (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Febrile Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford and 187: 2, Epping sub-districts.



TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 6th May, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE OF MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include													Deaths in Public	
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from												
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.					
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10	11.	12.	13.	14.	15.	16.				
GREATER LONDON	443,421	6,528,434	14.7	1.5	1838	385	503	-	47	13	35	62	13	17	87	53				
INNER LONDON -	74,672	4,546,752	16.0	1.5	1397	277	387	-	36	10	21	47	7	12	73	47				
OUTER RING -	368,749	1,981,682	11.6	1.4	441	108	116	-	11	3	14	15	6	5	14	6				

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria	Whooping- cough.	Fever.	Diarrhoeal Dysentery.
EDINBURGH -	298,927	May 6	180	105	18.3	-	1	-	-	8	-	-
GLASGOW -	733,903	" 6	511	284	20.2	-	14	2	2	5	1	-
DUBLIN -	349,594	" 6	218	166	24.8	-	-	-	1	4	2	-
CALCUTTA -	466,460	February 18	-	361	40.3	-	-	-	-	-	174†	5
BOMBAY -	821,764	April 11	158	1655	104.7	6	117	?	?	?	784†	10
MADRAS -	452,518	March 17	-	-	-	-	-	-	-	-	-	-
PARIS -	2,511,629	April 29	1104	981	20.3	-	31	3	8*	12	21	2
BRUSSELS -	551,011	" 29	247	175	16.5	-	2	-	1*	3	1	1
AMSTERDAM -	512,758	" 22	287	119	12.0	-	-	1	-	1	-	-
ROTTERDAM -	311,301	" 22	223	111	18.4	-	-	1	1	2	2	-
THE HAGUE -	196,325	" 22	91	52	13.6	-	-	-	1	-	-	-
COPENHAGEN -	345,000	" 29	173	127	19.2	-	1	2	-	3	2	-
STOCKHOLM -	283,550	" 22	155	107	19.6	-	5	2	2*	-	-	-
CHRISTIANIA -	203,337	" 29	127	62	15.9	-	-	1	-	-	-	-
ST. PETERSBURG	1,132,677	" 22	598	546	25.1	2	8	1	12	4	15	5
MOSCOW -	888,610	" 22	-	-	-	-	-	-	-	-	-	-
BERLIN -	1,805,054	" 15	898	658	19.0	-	11	11	11	8	1	20
HAMBURG -	675,351	" 29	-	233	17.9	-	-	2	-	4	-	-
DRESDEN -	389,300	March 18	-	173	20.4	-	-	-	2*	-	-	-
BRESLAU -	406,012	April 29	-	-	-	-	-	-	-	-	-	-
MUNICH -	445,000	" 22	332	228	26.6	-	-	1	4*	2	-	20
VIENNA -	1,606,629	" 29	898	716	22.9	-	27	14	15*	8	1	4
PRAGUE -	380,497	" 22	220	238	32.2	-	8	2	2	-	1	4
BUDA-PESTH -	666,722	" 22	443	313	24.4	-	17	4	3	1	5	13
TRIESTE -	165,913	" 15	94	106	33.1	-	-	5	3*	2	1	4
ROME -	500,610	" 15	216	138	14.4	-	-	-	1	1	3	1
TURIN (11 days)	344,203	March 31	212	244	23.2	-	-	-	4	9	-	1
VENICE -	169,883	April 22	65	130	39.9	-	9	-	1*	1	-	10
CAIRO -	570,062	February 18	-	-	-	-	-	-	-	-	-	-
ALEXANDRIA -	319,766	" 18	-	-	-	-	-	-	-	-	-	-
NEW YORK (including BROOKLYN)	3,550,053	April 15	-	-	-	-	-	-	-	-	-	-
PHILADELPHIA -	1,266,832	" 15	-	520	21.4	-	-	4	18	5	38	5

\* Including deaths from croup.

† Including 3 deaths from plague in Calcutta and 651 in Bombay.

‡ Including 16 deaths from cholera in Calcutta and 3 in Bombay.

1899.

1899.		Phases of the Moon.	Of the Air.				Of the Dew point.		the Air Temperature and Dew point Temperature.				Degree of Humidity (Saturation ratio in each case 100°).		Of Radiation.		Of the Earth's surface below the Surface.	Oiler's.		Pressure on the Square Foot.		Robinson's.		Gauge whose surface is 50 ft. above the ground.	
			High-est.	Low-est.	Daily Range.	Mean Average value.	De- parture from Average value.	Mean daily value.	Great- est.	Least.	Mean daily value.	Great- est.	Least.	A.M.	P.M.	Great- est.		Least.	Mean of 16 years.	Horizontal Movement of the Air on each Day.	Depart- ment Average of 16 Years.				
MONTH AND DAY		In.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	
APRIL.																									
SUNDAY	- 30	..	29.981	51.9	35.5	15.4	43.6	- 5.4	32.0	11.6	17.4	3.5	64	114.0	31.1	0	47.89	0	0	0	0	0	0	0	0
MONDAY	- 1	Perigee	29.935	55.2	35.3	19.9	46.5	- 2.7	38.0	8.5	13.2	2.9	72	100.8	29.8	0	48.13	1.6	0	0	0	0	0	0	0
TUESDAY	- 2	Last Quarter.	29.727	60.7	45.7	15.0	52.8	+ 3.4	43.2	9.6	16.3	2.9	70	104.7	39.4	0	48.30	1.3	0	0	0	0	0	0	0
WEDNESDAY	- 3	..	29.906	53.8	38.2	15.6	44.9	- 4.8	36.3	8.6	15.6	2.9	72	108.8	29.3	0	48.49	3.3	0	0	0	0	0	0	0
THURSDAY	- 4	..	30.110	53.1	33.7	19.4	43.3	- 6.7	32.1	11.2	17.8	1.2	85	130.1	24.9	0	48.08	2.2	0	0	0	0	0	0	0
FRIDAY	- 5	In Equator	30.231	54.2	34.3	19.9	45.6	- 4.7	34.2	11.4	16.4	2.7	64	130.3	27.9	0	48.61	1.6	0	0	0	0	0	0	0
SATURDAY	- 6	..	30.227	58.2	36.5	21.7	48.0	- 2.6	34.8	13.2	19.8	2.2	80	127.0	30.2	0	48.45	3.1	0	0	0	0	0	0	0
MEANS		-	30.018	55.3	37.2	18.1	46.4	- 3.4	35.8	10.6	16.6	2.6	67	116.5	30.4	0	48.36	..	..	..	..	..	..	..	..
No. of Column		- 3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

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1899.



# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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General Register Office, Somerset House,  
May 15th, 1899.

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 17·7 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Apr. 22.	Apr. 29.	May 6.	May 13.		Apr. 22.	Apr. 29.	May 6.	May 13.
33 Great Towns	18·3	17·7	16·5	17·7	Leicester - -	17·8	15·1	14·1	13·9
Birkenhead -	15·8	17·2	18·1	17·7	Liverpool - -	23·4	20·9	20·6	25·6
Birmingham -	20·8	20·6	16·6	15·5	London - -	17·2	16·9	16·0	16·4
Blackburn -	21·6	18·9	13·1	17·4	Manchester - -	22·4	23·2	20·3	24·9
Bolton -	20·9	15·8	19·9	19·3	Newcastle-on-Tyne	22·6	16·6	17·3	16·9
Bradford -	17·2	16·6	18·1	21·0	Norwich - -	13·4	15·7	14·7	12·9
Brighton -	22·0	15·7	17·3	15·7	Nottingham -	18·5	19·2	15·2	20·5
Bristol -	18·2	14·0	15·4	15·4	Oldham - -	20·1	19·4	17·6	19·0
Burnley -	12·9	12·5	16·1	18·0	Plymouth - -	21·8	16·1	22·3	22·8
Cardiff -	11·8	14·0	10·9	15·4	Portsmouth -	15·0	16·1	14·8	16·7
Croydon -	15·1	13·9	15·5	13·5	Preston - -	18·2	19·5	19·5	21·3
Derby -	16·7	16·7	9·8	14·2	Salford - -	18·6	18·4	19·8	26·8
Gateshead -	16·1	11·3	13·2	12·2	Sheffield - -	17·8	18·0	14·6	20·5
Halifax -	16·0	17·1	18·7	21·3	Sunderland -	21·1	22·9	17·2	21·5
Huddersfield -	17·1	17·1	18·6	14·6	Swansea - -	13·1	13·1	14·1	13·1
Hull -	16·0	18·0	17·6	16·9	West Ham - -	18·2	15·5	10·6	11·1
Leeds -	19·1	19·8	18·5	15·1	Wolverhampton	20·0	27·6	17·0	22·9

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·7 in Salford and 2·1 in Manchester; from *scarlet fever*, 1·1 in Bradford; from *whooping-cough*, 1·4 in Burnley, 1·6 in Plymouth and in Hull, 1·7 in Cardiff, and 1·8 in Birkenhead. In none of the thirty-three towns did the death-rate from "*fever*" or from *diarrhæa* reach 1·0 per 1,000. The 82 deaths from *diphtheria* included 40 in London, 8 in Leicester, 5 in Liverpool, 4 in West Ham, 4 in Leeds, 3 in Salford, 3 in Burnley, and 3 in Sheffield. One death from *small-pox* was registered in Hull, but not one in any other of the thirty-three towns.

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

## LONDON.

In LONDON\* 2574 BIRTHS and 1428 DEATHS were registered. Allowing for increase of population, the births were 114, and the deaths 172, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 17·2, 16·9, and 16·0 in the preceding three weeks, rose again last week to 16·4. During the four weeks ending on Saturday last the death-rate averaged 16·6 per 1000, being 2·3 per 1000 below the mean rate in the corresponding periods of the ten years 1889–98.

The 1428 deaths included 49 from measles, 2 from scarlet fever, 40 from diphtheria, 39 from whooping-cough, 8 from enteric fever, 9 from diarrhoea and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 147 deaths were referred to these diseases, being 67 below the corrected average weekly number.

The deaths from *measles*, which had been 51, 45, and 36 in the preceding three weeks, rose again last week to 49, but were 28 below the corrected average; 9 cases belonged to Islington, 7 to Hackney, 7 to Lambeth, and 4 to Limehouse sanitary areas. The deaths from *scarlet fever*, which had been 7, 6, and 10 in the preceding three weeks, fell again last week to 2, the corrected average being 15. The deaths from *diphtheria*, which had been 29, 26, and 21 in the preceding three weeks, rose again last week to 40, and were 3 above the corrected average; 4 cases belonged to Newington, 3 to Lambeth, 3 to Camberwell, 3 to St. Pancras, 3 to Hackney, and 3 to Clerkenwell sanitary areas. The deaths from *whooping-cough*, which had been 47, 54, and 47 in the preceding three weeks, further fell last week to 39, and were 21 below the corrected average. The fatal cases of *enteric fever*, which had been 3, 4, and 7 in the preceding three weeks, were 8 last week, the corrected average being 7; 2 cases belonged to St. George, Hanover Square sanitary area. The deaths from *diarrhoea*, which had been 7, 10, and 12 in the preceding three weeks, fell again last week to 9, and were 5 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 277, 294, and 251 in the preceding three weeks, rose again last week to 257, but were 53 below the corrected average. The deaths attributed directly to *influenza* numbered 29, having been 39, 41, and 25 in the preceding three weeks.

Different forms of violence caused 83 deaths, concerning all but 1 of which inquests were held. Of these 83 deaths, 8 were cases of suicide, and 1 of homicide, while the remaining 74 were attributed to accident or negligence. Ten of these were referred to vehicles in the streets, 3 to the effects of chloroform (which in two cases had been administered for surgical purposes, and in the other case had been self-administered to relieve pain), 6 to drowning, and 12 (of infants under one year of age), to suffocation in bed.

## CASES OF INFECTIOUS SICKNESS IN HOSPITALS.†

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2210 cases of scarlet fever, 1065 of diphtheria, and 107 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 259 cases, against 189, 226, and 219; of diphtheria, 149 cases, against 108, 110, and 182; and of enteric fever, 11 cases, against 16, 21, and 15.

\* Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

† The figures for the Hospitals represent patients certified on admission to be suffering from Small-pox, Scarlet Fever, Diphtheria, Enteric Fever, or Typhus respectively; but in a considerable proportion of cases the diagnosis found after sojourn in the Hospital to have been erroneous.



## GREATER LONDON.

In Greater London 3658 births and 1893 deaths were registered, corresponding to annual rates of 29·2 and 15·1 per 1000 of the estimated population. In the Outer Ring 1 death from small-pox, 7 deaths from measles, 1 from scarlet fever, 10 from diphtheria, 19 from whooping-cough, 2 from "fever," and 5 from diarrhoea were registered. The death from small-pox occurred in the Small-pox Hospital in South Mimms sub-district. Six deaths from diphtheria occurred in West Ham district, and 4 in Edmonton district.

## METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·78 inches, and that of the Thermometer 50°·9; the latter being 0°·6 below the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 9 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 43·0 hours; the measured rainfall amounted to 0·01 of an inch.

## RETURNS OF LONDON WATER COMPANIES.

The LONDON WATER COMPANIES have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of April 1899. The supply was in the ratio of 221 gallons to one service.

COMPANIES.	Number of Services.		Daily Supply of Water in Gallons.	
	APRIL, 1898.	APRIL, 1899.	APRIL, 1898.	APRIL, 1899.
<b>TOTAL SUPPLY</b> - - -	858,455	878,960	199,881,171	194,069,341
From Thames - - - - -	413,164	421,620	105,831,751	104,087,846
From Lea and from other Sources - - -	445,291	457,340	94,049,420	89,981,495
<b>THAMES.</b>				
Chelsea - - - - -	37,905	38,232	11,401,435	11,795,645
West Middlesex - - - - -	82,310	83,892	20,209,492	19,919,910
Southwark and Vauxhall - - -	121,528	122,592	31,791,240	31,543,663
Grand Junction - - - - -	62,269	64,202	18,744,284	18,015,648
Lambeth - - - - -	109,152	112,702	23,685,300	22,812,980
<b>LEA AND OTHER SOURCES.</b>				
New River - - - - -	163,781	166,344	34,420,031	35,111,638
East London - - - - -	194,328	200,303	43,973,735	39,116,071
Kent - - - - -	87,182	90,693	15,655,654	15,753,788

*Note.*—The Return for April 1899, as compared with that for the corresponding month of 1898 shows an increase of 20,505 services and a decrease of 5,811,830 gallons of water supplied daily.

## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING APRIL, 1899.

*Water-analysis Laboratory, The Yews, Reigate,*

*6th of May, 1899.*

SIR,

I HAVE to report to you the results of the chemical analysis, and of the physical and bacterioscopic examination of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of April.

These examinations include (a) the bacterioscopic and chemical condition of the raw river waters at the intakes of the various Companies, and (b) the bacteriology of the water as it issues from the filter beds of each Company, and before it is pumped into the distributing mains.

I append, also, the results obtained in the analysis of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill, of Birmingham, and Dr. Mills, of Glasgow.



# *Analysis of Metropolitan Waters.*

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.		Date and Place of Collection.	Temperature in Centigrade degrees.	Total Solid Matter.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen as Ni- trates and Nitrites.	Total Combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.	{ April 17th Grand Junction Co.'s intake at Hampton. }	9.7	29.84	.227	.048	.006	.224	.277	1.7	20.9
	(Unfiltered water) -	{ April 21st, Cab Rank, Horse Guards, Whitehall. }	9.3	28.52	.122	.018	0	.237	.255	1.6	20.0
	Chelsea - - -	{ April 21st, Cab Rank, Riding House- street. }	9.5	26.60	.148	.015	0	.214	.229	1.6	18.3
	West Middlesex -	{ April 21st, Cab Rank, St. George's Church, Borough. }	10.3	28.00	.129	.019	0	.235	.254	1.6	20.0
	Southwark - -	{ April 21st, Cab Rank, Portman- street, Oxford-street. }	10.4	27.30	.122	.016	0	.232	.248	1.6	19.4
	Grand Junction -	{ April 21st, Cab Rank, St. George's- road, Southwark. }	10.3	28.12	.172	.018	0	.287	.305	1.6	19.7
	Lambeth - - -	{ April 20th New River Cut at Green Lanes. }	11.3	33.00	.202	.026	.006	.272	.303	2.0	21.2
	LEA.	{ April 21st, Cab Rank, Tottenham Court-road. }	10.3	30.84	.078	.011	0	.240	.251	1.9	19.7
	(Unfiltered water) -	{ April 20th, E. London Co.'s intake at Angel-road. }	11.4	37.76	.368	.018	.017	.342	.402	2.0	25.1
	East London - -	{ April 21st, Cab Rank, Sidney-street, E. }	10.6	33.42	.136	.017	0	.377	.394	2.0	21.5
Outer Circle.	DEEP WELLS.	{ April 21st, Police Station, Blackheath-road. }	13.4	40.24	.043	.006	0	.449	.455	2.2	27.2
	Kent - - - -	{ April 21st, Waltham Abbey Well. }	—	28.66	.124	.015	.010	trace	.023	2.0	20.0
	East London - -										
Corporation of Birming- ham* - - - -		{ April 14th, Court back of 81 and 82 Great Barr Street. }	8.3	28.00	.280	.030	0	.150	.180	1.9	17.5
Corporation of Glasgow†		{ April 15th, Loch Katrine water. }	6.6	2.92	.173	.039	0	.003	.042	.07	1.4
Column 1.		2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

\* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers contained in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus:—The Thames water collected on the 17th April\* at the Grand Junction Company's intake at Hampton had a temperature of 9.7° C.; 100,000 lbs. of it contained 29.84 lbs. of solid matter in solution; the organic substances, constituting a portion of this matter, contained .227 lb. of carbon and .048 lb. of nitrogen. The above quantity of water also contained .006 lb. of ammonia and .224 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was .277 lb. The above weight of water also contained 1.7 lb. of chlorine, and 20.9 lbs. of carbonate of lime, or an equivalent amount of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operations transform the hardness in the Table into degrees of hardness on Clark's scale.

Taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December 1876, as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies, was:—Kent 0·8, New River 1·5, Grand Junction 2·3, Chelsea and East London (deep well) 2·4, Southwark 2·5, East London (river supply) 2·6, West Middlesex 2·8, and Lambeth 3·2.

The unfiltered river waters contained the following proportions:—Thames at Hampton 4·6, New River Cut 3·9, and Lea at Angel Road 7·0.

The Thames at Hampton was, on April 17th, turbid and pale yellow in colour. It was of fairly good chemical and bacterial quality. The water supplied by the five Companies drawing from this river was, in every case, efficiently filtered before delivery; and was of excellent quality for dietetic and all domestic purposes. The bacterial improvement effected by the storage and filtration plant of these Companies is expressed by the following percentage numbers:—Chelsea 99·68, West Middlesex 99·82, Southwark (general supply from Hampton) 96·37, Grand Junction (general filter well at Hampton) 99·22, (general supply from Kew) 99·27, (South filter at Kew) 99·72, and Lambeth 99·77.

The New River Cut, before entering the storage and subsidence reservoirs of the New River Company, was, on April 20th, turbid and very pale yellow in colour. It was of fairly good chemical and bacterial quality. After efficient filtration, it was delivered in excellent chemical and bacterial condition, rivalling, in these respects, the deep well waters. The reduction in the number of microbes amounted to 99·42 per cent.

The water drawn from the Lea at Angel Road by the East London Company was, on April 20th, turbid and yellow in colour. It was of bad chemical and bacterial quality; greatly inferior to the Thames in both respects; but, after storage and efficient filtration, it was delivered to consumers in excellent chemical and bacterial condition; the bacterial improvement being expressed by the following high percentage numbers:—No. 1 Essex filters 99·43, No. 2 Essex filters 99·12, and Middlesex filters 99·71.

The deep well waters of the Kent and East London Companies were clear and bright without filtration, and were of excellent quality for dietetic and all domestic purposes.

Seen through a stratum two feet deep, the Kent and East London Companies' waters were clear and colourless, the New River clear and nearly colourless, and the remaining waters clear and very pale yellow.

The bacterioscopic examination of the river waters, before and after storage, and of the filtered supplies delivered by the various Companies, collected on the 17th, 18th, 20th, and 21st of April, yielded, after prolonged cultivation, the results contained in the following Table:—

DESCRIPTION.	Microbes per c.c.	Temp. C.
RAW AND STORED RIVER WATERS.		
River Thames at Hampton, April 17th	4,350	97
" " after storage by Chelsea Company, April 17th	340	92
" " " West Middlesex Company, April 17th	840	83
Grand Junction Company's water at Kew, passing to filters, April 18th	260	100
New River Cut before passing through reservoirs, April 20th	3,100	113
" " after " " " "	700	101
River Lea at Angel Road, April 20th	10,850	114
" " after storage by East London Company, April 20th	2,740	105
FILTERED RIVER WATERS AS SUPPLIED.		
THAMES.		
Chelsea Company's general filter well, April 17th	14	93
West Middlesex Company's general filter well, April 18th	8	89
Southwark Company's tap on filtered water main at Hampton works, April 17th	158	83
Grand Junction Company's general filter well at Hampton, April 17th	34	91
" " " tap on filtered water main at Kew Bridge, April 18th	32	96
" " " south filter well at Kew Bridge, April 18th	12	88
Lambeth Company's general filter well, April 17th	10	93
LEA.		
New River Company's general filter well, April 20th	18	96
East London Company's No. 1 Essex filters, April 20th	62	91
" " " No. 2 " " "	96	98
" " " Middlesex " " "	32	96
DEEP-WELL.		
Kent Company's "New Well" at Deptford, April 2	1	113

Dr. Hill, F.I.C., Medical Officer of Health for Birmingham, reports that the water supplied to that City was, on the 14th of April "very slightly turbid and pale green in a two-foot tube."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that City from Loch Katrine was, on the 15th of April, "light brown in colour, and contained a little suspended matter."

I am, &c.,

E. FRANKLAND.

The Registrar-General, &c., &c.

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CITIES AND BOROUGH.	POPULATION estimated to the middle of the Year 1891.	Registered during the Week ending 13th May 1892.		Deaths of		Deaths from								Deaths of		Persons aged 60 Years and upwards.		Small-pox.		Measles.		Scarlet Fever.		Diphtheria.		Whooping- cough.		Typhoid.		Violence.		Inquest Cases.		Deaths in Public Institutions.		Causes of Death.		From All Causes.		From Colds, &c.		Mean.		Rainfall.		CITIES AND BOROUGH.																																																																																																																																																																																																																																																																																																																																																																																							
		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	In Inches.	In Cent.	Fahrenheit.	Fahrenheit.	Lowest.	Highest.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.		Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.	F

• See note • on first page of this return.

TABLE 2. LONDON.—Births and Deaths Registered in the NINETEENTH Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2565	2308	2582	2877	2532	2539	2549	2690	2430	2425	2637.9	2574
Males - -	1264	1163	1292	1459	1290	1322	1271	1376	1235	1252	1359.8	1320
Females - -	1301	1145	1290	1418	1242	1267	1278	1314	1195	1173	1323.1	1254
<b>TOTAL Deaths</b>	1235	1469	2245	1597	1437	1531	1393	1523	1331	1356	1600.1	1428
Males - -	619	781	1138	821	779	781	717	816	709	730	830.6	772
Females - -	676	683	1107	776	681	747	631	707	625	626	769.5	656

\* The numbers in this column are the average weekly numbers in the nineteenth week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Feb. 18.	Feb. 25.	Mar. 4.	Mar. 11.	Mar. 18.	Mar. 25.	Apr. 1.	Apr. 8.	Apr. 15.	Apr. 22.	Apr. 29.	May 6.	May 13.
<b>TOTAL Births</b>	2862	2752	2676	2627	2613	2480	2609	2554	2875	2759	2693	2623	2574
<b>TOTAL Deaths</b>	1688	1875	1925	1954	2099	2025	1922	1816	1624	1499	1478	1397	1428
Under 1 year - -	328	351	395	363	376	370	377	341	320	317	325	277	285
1-5 years - -	201	245	229	266	278	272	224	203	185	186	185	165	196
5-20 " - -	101	104	91	105	106	89	90	99	79	82	87	84	72
20-40 " - -	204	248	249	229	238	230	212	227	225	200	172	202	206
40-60 " - -	321	364	387	375	436	423	380	367	341	303	289	282	282
60-90 " - -	426	433	474	487	518	514	494	464	378	322	321	305	320
80 years and upwards	105	130	100	124	147	127	145	115	86	89	89	82	67
<b>Deaths from—</b>													
Small pox - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles - -	27	32	36	38	35	33	37	29	34	51	45	36	49
Scarlet Fever - -	4	7	7	9	7	4	4	8	6	6	6	10	2
Diphtheria - -	40	29	48	36	45	37	31	34	20	29	26	21	40
Whooping-cough - -	38	55	61	55	73	90	57	58	54	47	54	47	39
Typhus - -	-	1	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever - -	16	13	9	9	7	4	9	6	14	3	4	7	8
Simple Continued Fever - -	-	-	-	-	-	-	1	-	-	-	-	-	-
Diarrhoea and Dysentery - -	11	10	12	13	8	11	7	11	4	7	10	12	9
Cholera - -	-	-	-	-	-	-	-	-	1	-	-	-	-
<b>All the above Diseases</b>	136	147	176	160	175	179	146	146	133	144	145	133	147
<b>Dis. of Respiratory System—</b>													
Phtisis - -	413	484	470	529	565	604	505	470	343	277	294	251	257
Dis. of Circulatory System - -	154	175	206	201	209	182	139	174	173	160	140	145	143
Violence - -	156	172	183	174	198	181	195	152	147	140	114	145	148
Inquest Cases - -	79	68	76	80	75	56	63	89	83	65	71	73	83
Deaths in Public Institutions - -	166	151	182	190	184	163	155	189	156	152	137	131	165
	471	556	577	568	637	532	503	534	509	472	432	473	485
<b>TEMPERATURE OF THE AIR.</b>													
Mean - -	45.6	46.7	38.0	40.2	42.5	32.2	50.1	48.9	43.9	43.4	50.1	46.4	50.9
Mean of Highest readings - -	51.7	48.2	47.7	49.4	52.4	40.9	59.0	56.1	52.2	52.3	57.3	55.3	62.2
Mean of Lowest readings - -	39.9	34.0	29.3	31.1	33.8	24.8	43.2	44.0	37.2	34.7	44.1	37.2	41.7
<b>Humidity of the Air</b>	82	81	79	73	87	63	77	77	80	75	76	67	75
<b>Rain-fall (in inches)</b>	0.72	0.02	0.01	0.07	0.00	0.11	0.37	0.49	1.27	0.43	0.79	0.00	0.01
<b>Registered Sunshine (in hours)</b>	22.0	28.9	34.1	43.7	19.7	31.3	19.5	25.3	21.9	26.5	17.8	49.7	43.0
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - -	-	2	2	2	1	1	1	1	3	3	3	-	-
Scarlet Fever - -	2587	2575	2584	2540	2437	2355	2322	2235	21.6	2144	2131	2139	2210
Diphtheria - -	1403	1394	1374	1313	1261	1200	1165	1126	1068	1034	967	1040	1065
Enteric Fever - -	231	215	207	193	183	173	148	139	129	125	114	118	107

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Bobblyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.



TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the NINETEENTH Week of the Year 1899.

USES OF DEATH		Corrected Averages for the 10 years 1889-98.	In the Week ending Saturday, 13th May 1899.										CAUSES OF DEATH	Corrected Averages for the 10 years 1889-98.	In the Week ending Saturday, 13th May 1899.									
			Deaths of Persons of the Ages												Deaths of Persons of the Ages									
			ALL AGES.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	ALL AGES.	0-1.			1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.				
USES		1600.1	1428	285	196	72	206	282	320	67		Diseases of Circulatory System	130.1	148	3	3	9	21	53	49	10			
{ Vaccinated		0.5	-	-	-	-	-	-	-	-		Croup	3.7	-	-	-	-	-	-	-	-	-		
{ Unvaccinated		0.8	-	-	-	-	-	-	-	-		Bronchitis	149.9	110	25	14	-	7	22	33	9	1		
{ No Statement		0.6	-	-	-	-	-	-	-	-		Pneumonia	125.0	116	25	25	3	15	23	24	1	-		
{ Typhoid Fever		77.1	49	16	33	-	-	-	-	-		Pleurisy	7.9	6	2	1	-	1	1	1	-	-		
{ Typhus		15.0	2	-	2	-	-	-	-	-		Other Diseases of Respiratory System	23.7	25	4	3	2	4	2	8	2	-		
{ Typhus		0.2	-	-	-	-	-	-	-	-														
{ Typhus		40.2	29	-	2	2	7	7	10	1		Dentition	9.3	3	-	3	-	-	-	-	-	-		
{ Typhus		60.3	39	18	21	-	-	-	-	-		Quinsy, Sore Throat	1.2	2	-	1	-	-	-	-	1	-		
{ Typhus		37.4	40	1	28	11	-	-	-	-		Enteritis	11.0	19	7	1	2	5	2	2	-	-		
{ Typhus		0.7	-	-	-	-	-	-	-	-		Peritonitis	6.4	3	-	-	1	1	1	-	-	-		
{ Typhus		7.2	8	-	3	5	-	-	-	-		Diseases of Liver	23.9	28	4	1	-	2	8	13	-	-		
{ Typhus		14.1	9	5	3	-	-	-	1	-		Other Diseases of Digestive System	29.8	33	4	1	-	5	11	10	2	-		
{ Typhus		0.1	-	-	-	-	-	-	-	-														
{ Typhus		0.1	-	-	-	-	-	-	-	-		Diseases of Lymphatic System & of Ductless Glands	2.3	1	-	-	1	-	-	-	-	-		
{ Typhus		10.8	13	8	-	-	1	2	2	-														
{ Typhus		3.5	3	-	-	2	2	1	2	-		Diseases of Urinary System	45.8	41	-	2	2	6	7	20	4	-		
{ Typhus		2.8	5	-	-	-	4	1	-	-														
{ Typhus		4.8	5	-	-	-	-	-	-	-		Diseases of Generative System	5.6	3	-	-	1	-	1	1	-	-		
{ Typhus		1.4	2	2	-	-	-	-	-	-		Accidents of Childbirth	4.1	3	-	-	-	3	-	-	-	-		
{ Typhus		0.4	-	-	-	-	-	-	-	-														
{ Typhus		0.2	1	-	-	-	1	-	-	-		Diseases of Locomotive System	5.1	3	-	2	-	-	1	-	-	-		
{ Typhus		1.8	2	1	-	-	-	-	1	-		Diseases of Integumentary System	5.7	4	-	-	-	1	2	1	-	-		
{ Typhus		10.6	14	-	-	-	4	8	2	-														
{ Typhus		6.7	6	-	2	2	1	1	-	-		VIOLENT DEATHS.†												
{ Typhus		2.3	2	-	-	-	-	1	1	-		(ACCIDENT.)												
{ Typhus		2.8	4	-	-	-	-	1	3	-		By Railways		2	-	-	-	-	2	-	-	-		
{ Typhus		5.4	2	-	2	-	-	-	-	-		By Vehicles or Horses		10	-	5	2	2	1	-	-	-		
{ Typhus		66.1	81	-	1	-	6	32	41	1		In Ships, Boats, Docks, (exclusive of Drowning)		-	-	-	-	-	-	-	-			
{ Typhus		13.6	17	13	-	2	2	-	-	-		In Building Operations		1	-	-	-	-	1	-	-	-		
{ Typhus		27.6	14	4	7	3	-	-	-	-		In Conflagrations		-	-	-	-	-	-	-	-	-		
{ Typhus		162.6	143	1	5	6	69	43	18	1		By Burns, Scalds, Explosions	49.0	6	-	3	-	-	-	3	-	-		
{ Typhus		19.3	23	9	3	6	3	-	2	-		By Drowning		6	-	1	1	3	1	-	-	-		
{ Typhus		13.6	13	-	1	2	1	5	4	-		By Suffocation in Bed		12	12	-	-	-	-	-	-	-		
{ Typhus		49.3	38	38	-	-	-	-	-	-		By Poisons or Poisonous Vapours		5	-	1	-	2	1	1	-	-		
{ Typhus		3.8	5	5	-	-	-	-	-	-		Other or not stated causes		32	7	1	2	4	7	10	1	-		
{ Typhus		7.7	10	8	1	1	-	-	-	-														
{ Typhus		48.2	49	-	-	-	-	-	22	27														
{ Typhus		45.2	34	-	-	1	1	14	13	5		(VIOLENCE OTHER THAN ACCIDENTAL.)												
{ Typhus		9.3	6	-	-	2	1	3	-	-		Homicide	1.5	1	1	-	-	-	-	-	-	-		
{ Typhus		28.1	25	21	4	-	-	-	-	-		Suicide	9.4	8	-	-	-	4	2	2	-	-		
{ Typhus		82.0	66	9	10	3	11	12	18	3		Execution	-	-	-	-	-	-	-	-	-	-		
{ Typhus		3.2	2	1	-	-	-	1	-	-		OTHER CAUSES	47.5	36	31	3	-	1	-	1	-	-		
{ Typhus																								

The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement." The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered in each SUB-DISTRICT during the Week ending Saturday, 13th May, 1899.

The DEATHS registered during the Week include																	
REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of													
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from											
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON -	4,411,710	2574	1428	285	387	-	49	2	40	39	-	8	-	9	83	165	485
WEST DISTRICTS.																	
St. Mary Paddington } G. & W.	90,996	62	28	9	6	-	-	-	1	-	-	-	-	-	3	4	6
WHH } - - G.	33,510	5	12	-	-	-	-	-	-	-	-	-	-	-	2	2	12
St. John Paddington H - -																	
Ken.ington Town Ww - - W.	122,164	47	50	10	17	-	1	-	-	1	-	-	-	-	3	6	25
Brompton HH - - W. & C.	48,301	10	11	2	4	-	-	-	-	1	-	-	-	-	1	2	4
North Hammersmith H } W. & G.	44,638	17	8	1	3	-	2	-	1	-	-	-	-	-	1	1	-
South Hammersmith H } - - C.	59,561	28	19	1	5	-	-	-	1	-	-	-	-	-	1	3	3
Fulham Ww - - W. & C.	113,781	86	43	12	7	-	2	-	2	2	-	-	-	-	1	1	13
Chelsea Kensal Town - C.	21,450	8	3	1	1	-	-	-	-	-	-	-	-	-	-	-	3
Chelsea North WHHHH - C.	42,057	15	21	1	9	-	-	-	-	1	-	-	-	-	2	12	-
Chelsea South HE - - C.	33,139	8	7	1	5	-	-	-	-	-	-	-	-	-	2	-	-
May Fair W - - G.	23,827	2	6	1	3	-	-	-	-	-	-	-	-	-	-	1	3
Belgrave WHHH - - C.	56,140	23	25	4	6	-	-	-	-	-	-	2	-	-	5	7	15
St. John Westminster HH - C.	31,492	21	5	2	2	-	-	-	-	-	-	-	-	-	1	1	-
St. Margaret Westminster H - C.	22,097	4	9	-	1	-	-	-	-	-	-	-	-	-	2	4	5
St. James Westminster } N. & G.	23,050	15	1	-	1	-	-	-	-	-	-	-	-	-	-	1	1
WHH } - - N.	12,048	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho HHHHHH -																	
NORTH DISTRICTS.																	
All Souls Marylebone } - - W.	36,595	11	17	-	8	-	-	-	-	-	-	1	-	-	-	-	7
HHHHHHHH } - - G. & W.	19,798	12	6	1	2	-	-	-	-	-	-	-	-	-	-	-	3
Rectory Marylebone W } - - G. & W.	19,637	28	3	1	1	-	-	-	-	-	-	-	-	-	-	-	1
St. Mary Marylebone } - - W.	32,547	16	5	1	1	-	-	-	-	1	-	-	-	-	-	-	-
HHHH } - - W.	32,611	17	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone H -																	
St. John Marylebone HHH																	
Hampstead } - N. & W.	75,449	33	18	2	5	-	2	-	4	-	-	-	-	-	-	1	5
WwHHHH } - - W.	37,341	17	9	3	2	-	-	-	-	-	-	-	-	-	-	-	2
Regent's Park Pancras HH -																	
Tottenham-court } - N. & W.	26,757	16	14	2	3	-	-	-	-	-	-	-	-	-	-	2	7
WwHHH } - - N.	29,426	17	8	2	4	-	-	-	-	-	-	-	-	-	1	1	3
Gray's Inn Lane HHH -															-	-	-
Somers Town HH - - N.	32,161	23	12	-	4	-	1	-	-	1	-	-	-	-	-	-	1
Camden Town WH - - N.	16,669	12	5	-	4	-	-	-	-	-	-	-	-	-	-	-	4
Kentish Town WW - - N.	98,410	52	29	8	11	-	1	-	1	1	-	-	-	-	3	4	6
Upper Holloway } - - N.	98,273	53	55	10	16	-	-	-	1	1	-	-	-	2	2	5	36
WWWwHH } - - N.	107,365	59	24	7	7	-	2	-	-	1	-	-	-	2	1	1	-
Islington South-west H -																	
Islington South-east - - N.	66,549	23	18	3	8	-	1	-	-	-	-	-	-	-	-	-	-
Highbury HH - - N.	64,577	41	23	3	7	-	6	-	1	1	-	1	-	-	-	-	1
Stoke Newington H - - N.	33,485	11	6	1	2	-	-	-	-	-	-	-	-	-	-	-	-
North Hackney - - E. & N.																	
Central Hackney ww - - E. & N.																	
South-west Hackney HHH E. & N.																	
South-east Hackney WwH E. & N.																	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

\* See note \* on second page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and were named North Hammersmith and South Hammersmith, respectively.

### ADMINISTRATION SUB-DISTRICTS

[illegible]

† Population in 1891, not included in the total population of the Central Districts or of London.  
Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District



TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 13th May, 1899—continued.

The DEATHS registered during the Week include																	
REGISTRATION SUB-DISTRICTS			Enu- mer- ated Popu- lation, 1896.	Total DEATHS.	Deaths of Age.		Deaths from										Inquest Cases.
				Total DEATHS.	Infants under 1 Year.	Persons aged 40 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.
SOUTH DISTRICTS.																	
Christchurch Southwark	WHL & S.	13,064	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Saviour Southwark	- S.	12,301	11	3	1	-	-	-	-	-	-	-	-	-	-	-	1
Kent-road	- S. & L.	22,879	16	4	2	-	-	-	-	-	-	-	-	-	-	-	-
Borough-road	WH	16,083	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-
London-road	HL	21,316	16	15	2	-	-	-	-	-	-	-	-	-	-	-	-
Trinity Newington	- S. & L.	28,723	12	7	5	-	-	-	-	-	-	-	-	-	-	-	1
St. Peter Walworth	W	62,045	43	17	6	-	-	-	-	-	-	-	-	-	-	-	1
St. Mary Newington	- L. & S.	30,171	21	8	2	-	-	-	1	2	-	-	-	-	-	-	-
St. Olave	WH	11,731	7	14	1	2	-	-	-	-	-	-	-	-	-	4	5
Bermondsey	W	85,475	50	23	6	5	-	-	2	2	-	-	-	-	-	1	6
Rotherhithe	WwH	40,379	25	12	1	4	-	-	-	-	-	-	-	-	-	-	1
Waterloo-road	HH	28,396	32	7	1	-	-	-	-	-	-	-	-	-	-	1	2
Lambeth Church 1st	H	18,770	8	13	-	-	-	-	-	-	-	-	-	-	-	3	3
Lambeth Church 2nd	WW	40,994	32	26	2	6	-	-	1	1	-	-	-	-	-	3	3
Kennington 1st	H	52,486	44	8	3	-	-	-	-	-	-	-	-	-	-	1	1
Kennington 2nd	- S. & L.	43,244	26	14	1	6	-	1	-	-	-	-	-	-	-	-	-
Brixton	w	81,825	39	18	3	2	-	6	1	1	1	-	-	-	-	-	-
Norwood	WH	29,318	8	2	2	-	-	-	-	-	-	-	-	-	-	-	-
East Battersea	- S.	71,730	50	14	3	2	-	-	-	1	-	-	-	-	-	-	1
West Battersea	WwH	93,385	57	25	6	7	-	1	-	2	2	-	-	-	-	1	2
Clapham	H	46,953	20	12	3	3	-	-	-	-	-	-	-	-	-	1	1
Wandsworth	WHHL	58,101	42	11	2	3	-	-	1	2	-	-	-	-	-	1	1
Putney	- S.	20,566	12	2	-	-	-	-	-	-	-	-	-	-	-	-	1
Streatham	WwuwL	61,644	27	15	4	2	-	-	-	1	-	-	-	-	-	1	1
Dulwich	- L. & S.	7,519	3	2	1	1	-	-	-	-	-	-	-	-	-	1	-
Camberwell	WwL	90,286	50	30	3	16	-	-	1	1	-	-	-	-	-	3	3
Peckham	WW	88,242	39	27	9	7	-	1	-	1	-	-	-	-	-	-	1
St. George Camberwell	- L. & S.	67,029	49	13	5	1	-	1	-	-	-	-	-	-	-	-	-
Deptford North	- K.	36,152	20	8	2	1	-	-	-	-	-	-	-	-	-	2	2
Deptford Central	w	45,441	35	15	-	3	-	-	-	6	-	-	1	-	-	-	2
Deptford South	- K.	33,402	12	5	1	3	-	-	-	-	-	-	-	-	-	-	-
Greenwich West	H	23,012	12	7	-	1	-	-	-	-	-	-	-	-	-	-	-
Greenwich East	WH	37,767	27	20	3	8	-	2	-	-	-	-	-	-	-	-	1
Eltham	wH	5,911	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lee	H	24,222	14	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Lewisham	WwH	38,139	43	21	4	8	-	2	1	3	-	-	-	-	-	1	1
Sydenham	H	37,601	16	10	3	2	-	-	-	-	-	-	-	-	-	1	2
Charlton	wHH	15,928	13	8	2	1	-	-	-	1	-	-	1	-	-	-	1
Woolwich Dockyard	- K.	19,355	12	3	1	1	-	-	-	-	-	-	-	-	-	-	-
Woolwich Arsenal	HHHH	21,959	16	11	3	3	-	-	-	-	-	-	1	-	-	1	2
Plumstead West	H	16,714	11	7	-	5	-	-	-	-	-	-	-	-	-	-	1
Plumstead East	WH	42,538	33	7	-	2	-	-	-	-	-	-	-	-	-	-	-
Banstead Asylum	-	-	-	4	-	1	-	-	-	-	-	-	-	-	-	-	-
Caterham Asylum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cane Hill Asylum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hospital Ships and Camp, Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Darenth Asylum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London County Asylum Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heath	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hanwell Asylum	-	-	-	3	-	2	-	-	-	-	-	-	-	-	-	-	-
Colney Hatch Asylum	-	-	-	7	-	3	-	-	-	-	-	-	-	-	-	-	-
N.E. Hospital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winchmore Hill Hospital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leavesden Asylum	-	-	-	6	-	1	-	-	-	-	-	-	-	-	-	-	-
Jlaybury Asylum	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-



6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 13th May, 1899.

REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
					Deaths of		Deaths from										
					Infants under 1 Year of Age.	Persons aged 15 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Dysentery.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
LONDON—OUTER RING	368,749	1,422,063	1084	465	92	132	1	7	1	10	19	2	5	19	39	57	7
Carshalton WHH -	12,228	26,108	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Epsom, part of* WWHH -	10,423	12,508	3	8	-	5	-	-	-	-	-	-	-	-	-	5	-
Godstone, part of* W -	2,754	1,598	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Croydon WWHH -	20,851	128,699	73	51	7	19	-	-	-	-	1	-	-	3	5	13	-
Mitcham W -	11,697	23,072	14	8	-	4	-	-	-	-	-	-	-	2	2	1	-
Wimbledon HHH -	3,220	25,777	17	18	6	5	-	-	-	-	-	-	-	2	4	1	-
Kingston WH -	-	33,566	22	30	1	7	-	-	-	-	-	-	-	3	4	3	-
Surbiton H -	14,672	12,178	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Esher, part of* HH -	-	11,080	2	4	2	1	-	-	-	-	-	-	-	-	-	1	-
Hampton HL -	4,565	18,252	7	7	-	2	-	-	-	-	-	-	-	-	-	-	-
Richmond WH -	2,160	25,389	12	5	-	2	-	-	-	-	-	-	-	-	-	-	-
Mortlake H -	2,823	16,159	3	1	1	-	-	-	-	-	1	-	-	-	-	-	-
Bromley HHH -	9,127	23,815	17	5	-	1	-	-	-	-	-	-	-	-	-	-	-
Beckenham H -	6,542	21,969	13	2	-	2	-	-	-	-	-	-	-	-	-	-	-
Chislehurst, part of* WHH	14,307	20,372	14	5	1	3	-	-	-	-	-	-	-	-	-	-	1
Bexley HHH -	12,540	30,590	23	8	-	2	-	-	-	-	-	-	-	1	1	1	-
Dartford WH, part of* -	-	-	-	2	-	1	-	-	-	-	-	-	-	-	2	-	-
Sunbury W -	11,054	13,671	10	3	1	-	-	-	-	-	-	-	-	-	-	1	-
Staines WH -	13,277	13,221	9	5	-	1	-	-	-	-	1	-	-	-	-	1	-
Hillingdon WHH -	6,035	12,237	6	4	-	-	-	-	-	-	-	-	-	1	-	-	-
Uxbridge -	12,757	7,253	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Hayes WH -	7,952	11,051	11	3	-	1	-	-	-	-	-	-	-	2	2	-	-
Isleworth WHH -	6,987	28,004	16	4	-	3	-	-	-	-	-	-	1	-	-	1	-
Twickenham HH -	2,415	16,027	10	8	1	4	-	-	-	-	-	-	-	-	-	-	-
Brentford HHHH -	4,318	37,777	31	12	3	4	-	-	-	-	3	-	-	2	-	-	-
Chiswick -	1,245	21,963	11	8	2	4	-	-	-	-	-	-	-	-	-	-	-
Acton WHH -	6,132	30,945	33	8	5	1	-	-	-	-	-	-	-	1	-	-	-
Harrow HHH -	13,809	15,715	9	4	-	-	-	-	-	-	-	-	-	1	1	-	-
Edgware HH -	6,994	3,844	1	3	-	1	-	-	-	-	-	-	-	-	-	1	-
Willesden HHH -	4,383	61,265	66	16	7	1	-	-	-	-	3	-	-	1	1	1	-
Hendon WH -	8,382	15,843	12	6	1	3	-	-	-	-	-	-	-	-	2	-	-
South Mimms HH -	-	6,367	1	2	-	-	1	-	-	-	-	-	-	-	-	1	-
Barnet WHH -	21,077	14,152	10	4	-	1	-	-	-	-	-	-	-	-	-	-	-
Finchley HHH -	4,688	25,820	16	7	2	1	-	-	-	-	-	-	-	-	-	-	-
Hornsey HH -	3,039	61,097	46	14	3	2	-	-	-	-	-	-	2	-	1	-	-
Tottenham HH -	4,642	97,174	77	38	14	7	-	1	2	3	2	-	-	2	5	13	-
Edmonton WWH -	7,489	36,351	35	17	4	7	-	-	-	-	-	-	-	-	1	4	-
Enfield WWHH -	12,602	31,536	19	5	-	1	-	-	-	1	-	-	-	1	1	-	-
Waltham Abbey -	11,017	6,066	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cheshunt H -	8,480	9,620	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Hatfield, part of* W -	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bushey H -	9,331	7,737	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Watford WH, part of* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stratford H -	-	38,612	38	11	1	2	-	-	-	-	1	-	-	1	2	1	1
Plaistow WHH -	-	53,030	54	16	5	5	-	-	-	1	1	-	-	1	1	1	-
Canning Town H -	-	54,750	53	16	3	2	-	1	-	1	2	1	1	1	2	1	-
Forest Gate W -	-	53,511	35	13	2	3	-	-	-	2	-	-	-	-	-	-	-
East Ham WHH -	3,266	32,713	63	14	4	3	-	-	-	1	1	-	-	1	1	14	1
Leyton WWHH -	4,334	70,188	60	36	8	14	-	1	-	-	-	1	-	-	-	-	-
Walthamstow HHL -	6,501	57,330	55	16	5	2	-	-	-	-	2	-	-	-	2	-	-
Chigwell, part of* HHHH	11,779	12,941	5	2	1	1	-	-	-	-	-	-	-	-	-	-	-
Epping WH, part of* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Romford, part of* WH -	6,556	4,324	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ilford -	8,493	10,913	16	13	1	6	-	2	-	-	-	-	-	1	-	-	-
Barking Town, H -	3,814	14,301	19	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Middlesex County Asylum, Wandsworth.	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	1	-

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warringham & Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in Hatfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Notifiable Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 13th May, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include													
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.				
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.				
GREATER LONDON	443,421	6,528,434	15.1	1.5	1893	377	519	1	56	3	50	58	10	14	102				
INNER LONDON -	74,672	4,546,752	16.4	1.7	1428	285	387	-	49	2	40	39	8	9	83				
OUTER RING -	368,749	1,981,682	12.2	1.2	465	92	132	1	7	1	10	19	2	5	19				

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.					
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.
EDINBURGH -	298,927	May 13	176	100	17.4	-	1	2	1	3	
GLASGOW -	733,903	" 13	502	270	19.2	-	20	-	3	2	2
DUBLIN -	349,594	" 13	201	179	26.7	-	-	2	1	2	3
CALCUTTA -	466,460	February 25	-	409	45.7	-	1	-	2	2	203†
BOMBAY -	821,764	April 18	171	1465	92.7	9	75	?	?	?	647†
MADRAS -	452,518	March 31	342	318	36.5	-	9	?	?	?	42†
PARIS -	2,511,629	May 6	1123	1007	20.8	-	36	2	7*	14	12
BRUSSELS -	551,011	" 6	256	174	16.4	-	4	-	-	2	2
AMSTERDAM -	512,758	April 29	274	130	13.2	-	-	-	-	1	1
ROTTERDAM -	311,301	" 29	214	89	14.8	-	-	1	1	4	-
THE HAGUE -	196,325	" 29	114	60	15.7	-	-	-	1	-	-
COPENHAGEN -	345,000	May 6	163	128	19.3	-	2	1	2	4	1
STOCKHOLM -	283,550	April 29	143	139	25.5	-	6	2	5*	2	-
CHRISTIANIA -	203,337	May 6	169	65	16.6	-	-	-	-	1	-
ST. PETERSBURG -	1,132,677	April 29	488	546	25.1	3	19	3	19	4	14
MOSCOW -	988,610	" 29	-	530	28.0	7	9	4	12	5	4
BERLIN -	1,805,054	" 22	914	623	17.9	-	9	15	9	10	-
HAMBURG -	675,351	May 6	-	215	16.6	-	-	-	2*	3	-
DRESDEN -	389,300	March 25	-	-	-	-	-	-	-	-	-
BRESLAU -	406,012	May 6	-	195	25.0	-	-	-	-	1	-
MUNICH -	445,000	April 29	-	213	24.9	-	-	1	3*	1	1
VIENNA -	1,606,829	May 6	871	692	22.2	-	26	6	10*	4	-
PRAGUE -	380,497	" 6	208	205	27.7	-	5	3	2	1	2
BUDA-PESTH -	666,722	April 29	492	325	25.3	-	9	5	-	-	5
TRIESTE -	165,913	" 22	-	-	-	-	-	-	-	-	-
ROME -	500,610	" 22	218	130	13.5	-	-	-	-	1	3
TURIN (10 days) -	344,203	" 10	212	239	25.3	-	1	1	1	5	2
VENICE -	169,883	" 29	62	98	30.1	-	5	-	4*	3	1
CAIRO -	570,062	" 1	428	401	36.6	2	7	-	1*	1	27
ALEXANDRIA -	319,766	" 1	223	226	36.8	-	1	-	1*	-	2
NEW YORK (including BROOKLYN) -	3,550,053	" 22	1514	1256	18.5	1	16	16	26	9	7
PHILADELPHIA -	1,266,832	" 22	-	505	20.8	-	1	1	18	1	29

\* Including deaths from croup.

† Including 9 deaths from plague in Calcutta, 545 in Bombay, and 1 in Madras.

‡ Including 17 deaths from cholera in Calcutta and 3 in Bombay.



1899.

1899.		MONTH AND DAY	Phases of the Moon.	METEOR.		TEMPERATURE.					Difference between the Air Temperature and Dew point Temperature.		Degree of Humidity (Saturation equals 100.)	Of Radiation.		Of the Surface.		Oiler's.		Pressure on the Square Foot.		Robinson's.		Ozone collected in a gauge receiving surfaces above Ground.		
				Mean reading (corrected since Dec. 31, 1898, to Fahrenheit.)	Mean reading (corrected since Dec. 31, 1898, to Fahrenheit.)	Of the Air.		Of the Dew point.	Of the Dew point.	Of the Dew point.	Of the Dew point.	Of the Dew point.	Of the Dew point.	Of the Dew point.	Of the Dew point.	Of the Dew point.	Of the Dew point.	Of the Dew point.	Of the Dew point.	Of the Dew point.	Of the Dew point.	Of the Dew point.	Of the Dew point.		Of the Dew point.	Of the Dew point.
				High-est.	Low-est.	Daily Range.	Mean of 50 years.	De- parture from Average of 50 years.	Mean daily value.	Mean Great- est.	Least.	High-est in the Day.	Low-est in the Grass.	° below Surface.	° below Surface.	° below Surface.	° below Surface.	° below Surface.	° below Surface.	° below Surface.	° below Surface.	° below Surface.	° below Surface.	° below Surface.		
MAY.																										
	SUNDAY	- 7	..	30.101	61.8	37.7	24.1	50.2	- 0.6	37.4	12.8	21.5	3.1	0	28.8	48.53	NNE. & N.	NE.	lbs. 3.8	lbs. 0.0	lbs. 0.4	Miles. 381	+129	0.0		
	MONDAY	- 8	..	28.843	62.0	41.7	20.3	52.5	+ 1.5	41.5	11.0	19.9	1.5	66	36.0	48.80	NNE.	N. & NNE.	4.3	0.0	0.5	415	+164	0.0		
	TUESDAY	- 9	New	29.688	57.7	44.6	13.1	49.0	- 2.2	44.0	5.0	13.1	0.0	83	33.0	49.15	N. & SW.	SW. & variable.	0.6	0.0	0.0	141	-110	0.0		
	WEDNESDAY	10	..	29.738	57.8	41.1	16.7	49.1	- 2.4	44.9	4.2	10.6	0.0	85	30.0	49.49	SW. NNW. & N.	NE.	0.5	0.0	0.0	131	-120	0.0		
	THURSDAY	- 11	..	29.739	68.1	38.3	27.8	50.9	- 0.8	44.6	6.3	16.9	0.0	79	27.2	49.57	NNE. N. & Variable.	WSW. W. & SSW. & S.	0.6	0.0	0.0	137	-113	0.0		
	FRIDAY	- 12	Greatest Dec. N.	29.750	66.3	43.9	22.4	53.0	+ 1.0	45.4	7.6	16.9	0.0	75	30.2	49.72	SW.	SSW. & SW.	0.9	0.0	0.0	190	- 60	0.0		
	SATURDAY	- 13	..	29.624	63.7	44.4	19.3	51.9	- 0.4	44.4	7.5	15.8	2.4	76	39.0	50.08	SW. & WSW.	SW. & SSW.	1.7	0.0	0.1	209	- 41	0.0		
	MEANS	-		29.783	62.2	41.7	20.5	50.9	- 0.6	43.2	7.8	16.4	1.0	75	32.0	49.33	NNE. & SW.		..	..	..	Sum 1604	-151	0.0		
	No. of Column	-	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY. (For explanation of symbols, see Note.)		Registered Sunshine in hours.		Sun above Horizon in hours.		GENERAL REMARKS.											
MAY.																			
SUNDAY - 7	w. P. throughout -			13.8		15.1		A very fine day. Hoar frost in morning.											
MONDAY - 8	w. P. generally till 9h. P.M.; w. N. and w. P. afterwards.			9.5		15.1		Very fine generally till evening; overcast with occasional slight rain afterwards.											
TUESDAY - 9	w. P. generally; w. N. at 5h. A.M.			0.6		15.2		Generally overcast; slight rain in morning. Slight fog at night.											
WEDNESDAY - 10	w. P. throughout -			3.7		15.3		Fine; partially cloudy. Gloomy in forenoon.											
THURSDAY - 11	w. P. throughout -			4.5		15.3		Cloudy till noon; very fine afterwards. Slight fog in morning.											
FRIDAY - 12	w. P. throughout -			6.3		15.4		Fine; partially cloudy.											
SATURDAY - 13	w. P. generally -			4.6		15.4		Fine; generally cloudy.											
No. of Col. -	-			Sum 43.0		Sum 106.8													
				28		29		27											

The results apply to the civil day, or from midnight to midnight. The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1880, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1876.

In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable.

The numbers in column 23, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 30.21 in. at the beginning of the week to 29.64 in. by 5h. P.M. on the 9th; increased to 29.76 in. by 7h. A.M. on the 11th; decreased to 29.70 in. by 5h. P.M. on the same day; increased to 29.78 in. by 7h. A.M. on the 12th; and decreased to 29.67 in. by the end of the week.



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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 20. 1899. VOL. LX.]      WEEK ENDING SATURDAY, MAY 20.      [Price 1½d.

*General Register Office, Somerset House,  
May 23rd, 1899.*

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 17·6 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Apr. 29.	May 6.	May 13.	May 20.		Apr. 29.	May 6.	May 13.	May 20.
33 Great Towns	17·7	16·6	17·7	17·6	Leicester - -	15·1	14·1	13·9	15·4
Birkenhead -	17·2	18·1	17·7	21·3	Liverpool - -	20·9	20·6	25·6	23·9
Birmingham -	20·6	16·6	15·5	21·3	London - - -	16·9	16·0	16·4	16·3
Blackburn -	18·9	13·1	17·4	19·3	Manchester - -	23·2	20·3	24·9	24·6
Bolton - - -	15·8	19·9	19·3	18·6	Newcastle-on-Tyne	16·6	17·3	16·9	13·9
Bradford - -	16·6	18·1	21·0	18·8	Norwich - - -	15·7	14·7	12·9	23·9
Brighton - -	15·7	17·3	15·7	16·1	Nottingham - -	19·2	15·2	20·5	16·1
Bristol - - -	14·0	16·6	15·4	13·8	Oldham - - -	19·4	17·6	19·0	21·4
Burnley - - -	12·5	16·1	18·0	19·8	Plymouth - - -	16·1	22·3	22·8	23·8
Cardiff - - -	14·0	10·9	15·4	16·0	Portsmouth - -	16·1	14·8	16·7	13·9
Croydon - - -	13·9	15·5	13·5	9·8	Preston - - -	19·5	19·5	21·3	17·3
Derby - - -	16·7	9·8	14·2	15·7	Salford - - -	18·4	19·8	26·8	21·3
Gateshead - -	11·3	13·2	12·2	14·2	Sheffield - - -	18·0	14·6	20·5	16·3
Halifax - - -	17·1	18·7	21·3	14·9	Sunderland - -	22·9	17·2	21·5	20·1
Huddersfield -	17·1	18·6	14·6	13·6	Swansea - - -	13·1	14·1	13·1	15·6
Hull - - - -	18·0	17·6	16·9	15·6	West Ham - - -	15·5	10·6	11·1	14·4
Leeds - - - -	19·8	18·5	15·1	16·6	Wolverhampton -	27·6	17·0	22·9	21·7

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·1 in Nottingham and 1·8 in Manchester; from *scarlet fever*, 1·4 in Norwich and in Burnley; and from *whooping-cough*, 1·0 in Plymouth, in Huddersfield, and in Gateshead, 1·1 in Cardiff, 1·2 in Blackburn, and 1·8 in Burnley. In none of the thirty-three towns did the death-rate from "*fever*" or from *diarrhœa* reach 1·0 per 1,000. The 69 deaths from *diphtheria* included 24 in London, 9 in Leicester, 7 in Sheffield, 6 in Swansea, 5 in Salford, and 3 in Leeds. One death from *small-pox* was registered in Hull, but not one in any other of the thirty-three towns.

### LONDON.

In LONDON† 2598 BIRTHS and 1419 DEATHS were registered. Allowing for increase of population, the births were 24 above, and the deaths 167

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

below, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 16·9, 16·0, and 16·4 in the preceding three weeks, fell again last week to 16·3. During the four weeks ending on Saturday last the death-rate averaged 16·4 per 1000, being 2·1 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1419 deaths included 51 from measles, 9 from scarlet fever, 24 from diphtheria, 39 from whooping-cough, 6 from enteric fever, 12 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 141 deaths were referred to these diseases, being 71 below the corrected average weekly number.

The deaths from *measles*, which had been 45, 36, and 49 in the preceding three weeks, further rose last week to 51, but were 30 below the corrected average; 7 cases belonged to Limehouse, 5 to Camberwell, 4 to Lambeth, 4 to Greenwich, 4 to Islington, and 4 to Hackney sanitary areas. The deaths from *scarlet fever*, which had been 6, 10, and 2 in the preceding three weeks, rose again last week to 9, but were 7 below the corrected average; 3 cases belonged to St. Pancras, and 2 to Greenwich sanitary areas. The deaths from *diphtheria*, which had been 26, 21, and 40 in the preceding three weeks, fell again last week to 24, and were 14 below the corrected average; 4 cases belonged to St. Pancras, and 4 to Poplar sanitary areas. The deaths from *whooping-cough*, which had been 54, 47, and 39 in the preceding three weeks, were again 39 last week, the corrected average being 53; 5 cases belonged to Islington sanitary area. The fatal cases of *enteric fever*, which had been 4, 7, and 8 in the preceding three weeks, fell again last week to 6, the corrected average being 8; 2 cases belonged to Lambeth sanitary area. The deaths from *diarrhœa*, which had been 10, 12, and 9 in the preceding three weeks, rose again last week to 12, but were 3 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 294, 251, and 257 in the preceding three weeks, were again 257 last week, the corrected average being 298. The deaths attributed directly to *influenza* numbered 26, having been 41, 25, and 29 in the preceding three weeks.

Different forms of violence caused 64 deaths, concerning all but 1 of which inquests were held. Of these 64 deaths, 17 were cases of suicide, while the remaining 47 were attributed to accident or negligence. Seven of these were referred to vehicles in the streets, 6 to drowning, and 12 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2161 cases of scarlet fever, 1066 of diphtheria, and 99 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 211 cases, against 226, 219, and 259; of diphtheria, 145 cases, against 110, 182, and 149; and of enteric fever, 16 cases, against 21, 15, and 11.

#### GREATER LONDON.

In Greater London 3628 births and 1867 deaths were registered, corresponding to annual rates of 29·0 and 14·9 per 1000 of the estimated population. In the Outer Ring 1 death from small-pox, 15 deaths from measles, 1 from scarlet fever, 8 from diphtheria, 16 from whooping-cough, and 5 from diarrhœa were registered. Seven deaths from measles, 4 from diphtheria, and 8 from whooping-cough occurred in West Ham district; 4 deaths from measles occurred in Edmonton district. The death from small-pox occurred in Barnet sub-district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·57 inches, and that of the Thermometer 54°·4; the latter being 1°·0 above the week's average in the 50 years 1841-90. The direction of the wind was South-westerly, the horizontal movement of the air being 60 per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 33·9 hours; the measured rainfall amounted to 0·97 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Small-pox, Scarlet Fever, Diphtheria, Enteric Fever, or Typhus respectively; but in a considerable proportion of



CITIES AND BOROUGHES.	POPULATION estimated to the middle of 1899.*			Deaths of the Week ending 20th May 1899.			Deaths from										Deaths in					corresponding			Mean.		In		CITIES AND BOROUGHES.
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	Highest.		Centigrade.	In Inches.	In Cent.						
																			Infants under 1 Year of Age.	Persons aged 1 Year and upwards.				Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	
BIRTHS.		DEATHS.		Cols.		Cols.		Cols.		Cols.		Cols.		Cols.		Cols.		Cols.		Cols.		Cols.		Cols.					
33 TOWNS.	11,404,498	6700	3842	837	952	1	169	29	69	95	21	32	154	309	907	46	176	16	710	392	519	1106	093	236					
LONDON.	4,546,752	2508	1419	277	362	-	51	9	24	39	6	11	64	141	451	8	163	16	702	465	544	1244	097	246					
WEST HAM.	300,241	174	83	17	20	-	5	-	2	1	-	2	4	8	11	1	144	17	-	-	-	-	-	-					
CROYDON.	177,759	62	24	7	9	-	-	-	-	-	-	-	-	3	5	-	98	-	710	435	537	1206	259						
BRIGHTON.	133,226	62	38	6	16	-	-	1	2	-	1	-	1	3	10	-	161	17	616	480	532	1178	233						
PORTSMOUTH.	190,741	88	51	10	18	-	2	1	1	-	2	-	3	4	11	1	139	16	648	480	532	1178	109						
PLYMOUTH.	100,637	52	46	8	16	-	1	-	-	2	-	-	1	4	5	-	258	16	-	-	-	-	-						
BRISTOL.	320,911	189	85	13	30	-	-	-	-	2	1	-	3	7	16	-	138	05	630	440	509	1050	317						
CARDIFF.	186,826	89	57	17	11	-	-	-	-	4	-	-	3	6	1	-	160	11	-	-	-	-	-						
SWANSEA.	103,732	41	31	7	9	-	-	1	6	1	-	-	1	2	1	-	159	40	-	-	-	-	-						
WOLVERHAMPTON.	88,821	65	37	14	7	-	-	-	-	-	-	-	2	2	5	1	217	-	646	392	515	1083	213						
BIRMINGHAM.	514,956	380	210	56	51	-	4	1	2	2	1	-	6	11	57	4	213	10	-	-	-	-	-						
NORWICH.	113,266	50	32	14	9	-	-	3	1	1	-	-	1	1	8	-	239	28	690	438	530	1167	213						
LEICESTER.	213,851	136	63	11	16	-	-	1	9	3	-	1	-	3	16	1	154	34	-	-	-	-	-						
NOTTINGHAM.	239,354	161	74	15	16	-	5	1	-	-	-	-	1	2	12	-	161	13	678	412	512	1067	310						
DERBY.	106,401	57	32	9	7	-	1	-	-	1	-	-	2	4	3	-	157	10	-	-	-	-	-						
BIRKENHEAD.	115,162	58	47	15	8	-	-	-	-	1	-	-	-	2	4	1	213	05	-	-	-	-	-						
LIVERPOOL.	634,212	423	291	60	79	-	9	-	2	8	3	1	9	17	82	11	239	20	639	436	502	1011	122						
BOLTON.	162,221	101	58	9	13	-	2	1	2	1	-	-	2	3	4	-	186	19	-	-	-	-	-						
MANCHESTER.	543,902	311	257	53	50	-	19	1	-	4	1	6	10	23	67	4	246	30	-	-	-	-	-						
SALFORD.	218,244	145	89	25	17	-	3	-	5	2	-	3	-	4	8	-	213	31	-	-	-	-	-						
OLDHAM.	150,772	68	62	21	14	-	-	-	-	2	-	1	2	3	8	-	214	46	-	-	-	-	-						
BURNLEY.	113,081	70	43	17	4	-	1	3	1	4	-	1	2	3	2	6	198	31	-	-	-	-	-						
BLACKBURN.	135,154	72	50	12	15	-	1	2	1	3	1	-	2	2	2	1	193	04	-	-	-	-	-						
PRESTON.	117,622	51	39	13	13	-	-	-	-	-	-	1	1	2	5	2	173	-	-	-	-	-	-						
HUDDESFIELD.	103,464	48	27	3	6	-	-	-	-	2	-	-	1	1	5	-	136	10	620	405	492	956	257						
HALIFAX.	97,721	44	28	5	9	-	-	-	-	-	-	-	1	1	3	3	149	-	-	-	-	-	-						
BRADFORD.	236,241	108	85	10	29	-	-	-	-	1	1	-	3	7	13	1	188	07	644	430	506	1033	320						
LEEDS.	423,880	267	135	38	26	-	1	-	3	3	-	-	1	6	17	23	166	10	-	-	-	-	-						
SHEFFIELD.	361,169	268	113	23	27	-	1	2	7	1	1	2	7	10	20	3	163	20	-	-	-	-	-						
HULL.	234,270	148	70	16	14	1	1	-	-	4	-	-	5	5	6	1	156	13	-	-	-	-	-						
SUNDERLAND.	145,613	105	56	16	11	-	-	-	-	-	2	-	2	3	6	-	201	07	-	-	-	-	-						
GATESHEAD.	106,552	82	29	10	8	-	-	-	1	2	-	-	2	2	3	2	142	15	-	-	-	-	-						
NEWCASTLE.	228,925	137	61	10	12	-	2	-	-	1	-	-	4	6	11	-	139	07	-	-	-	-	-						

TABLE 2. LONDON.—Births and Deaths Registered in the TWENTIETH Week of each of the Eleven Years, 1889–99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889–98.*	1899
<b>TOTAL Births</b>	2648	2468	2374	2600	2445	2241	2496	2462	2444	2285	2573·8	2598
Males - -	1358	1283	1214	1328	1267	1121	1246	1237	1260	1155	1317·1	1318
Females - -	1290	1185	1160	1272	1178	1120	1250	1175	1184	1130	1256·7	1280
<b>TOTAL Deaths -</b>	1231	1466	2235	1587	1503	1463	1389	1516	1321	1360	1585·7	1419
Males - -	631	762	1166	883	796	759	747	812	693	705	836·9	730
Females - -	600	704	1069	704	707	704	642	704	628	655	748·8	689

\*The numbers in this column are the average weekly numbers in the twentieth week of the ten years 1889–98, raised by 5·213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Feb. 25.	Mar. 4.	Mar. 11.	Mar. 18.	Mar. 25.	Apr. 1.	Apr. 8.	Apr. 15.	Apr. 22.	Apr. 29.	May 6.	May 13.	May 20.
<b>TOTAL Births</b>	2752	2676	2627	2613	2480	2609	2554	2875	2759	2693	2623	2574	2598
<b>TOTAL Deaths</b>	1875	1925	1954	2099	2025	1922	1816	1624	1499	1478	1397	1428	1419
<b>Ages at Death</b>													
Under 1 year	351	395	368	376	370	377	341	320	317	325	277	285	277
1–5 years	245	229	266	278	272	224	203	195	186	195	165	196	170
5–20 "	104	91	105	106	89	90	99	79	82	87	84	72	77
20–40 "	248	249	229	238	230	212	227	225	200	172	202	206	219
40–60 "	364	387	375	436	423	380	367	341	303	289	282	282	314
60–80 "	433	474	487	518	514	494	464	378	322	321	305	320	297
80 years and upwards	130	100	124	147	127	145	115	86	89	89	82	67	65
<b>Deaths from—</b>													
Small pox	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	32	36	38	35	33	37	29	34	51	45	36	49	51
Scarlet Fever	7	7	9	7	4	4	8	6	7	6	10	2	9
Diphtheria	29	45	36	45	37	31	34	20	29	26	21	40	24
Whooping-cough	55	64	55	73	90	57	58	54	47	54	47	39	39
Typhus	1	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever	13	9	9	7	4	9	6	14	3	4	7	8	6
Simple Continued Fever	-	-	-	-	-	1	-	-	-	-	-	-	-
Diarrhoea and Dysentery	10	12	13	8	11	7	11	4	7	10	12	9	12
Cholera	-	-	-	-	-	-	-	1	-	-	-	-	-
All the above Diseases	147	176	160	175	179	146	146	133	144	145	133	147	141
Dis. of Respiratory System	484	470	529	565	604	505	470	343	277	294	251	257	257
Phthisis	175	206	202	209	182	139	174	173	160	140	145	143	170
Dis. of Circulatory System	172	183	174	198	181	195	152	147	140	114	145	148	137
Violence	68	76	80	75	56	63	89	83	65	71	73	83	64
Inquest Cases	151	182	190	184	163	165	189	156	152	137	131	165	141
Deaths in Public Institutions	556	577	568	637	532	503	534	509	472	432	473	484	451
<b>TEMPERATURE OF THE AIR.</b>													
Mean	40·7	38·0	40·2	42·5	32·2	50·1	48·9	43·9	43·4	50·1	46·4	50·9	54·4
Mean of Highest readings	48·2	47·7	49·1	52·4	40·9	59·0	56·1	52·2	52·3	57·3	55·3	62·2	62·7
Mean of Lowest readings	34·0	28·3	31·1	33·8	24·8	43·2	44·0	37·2	34·7	44·1	37·2	41·7	48·3
Humidity of the Air	81	79	73	87	68	77	77	80	75	76	87	75	75
Rain-fall (in inches)	0·02	0·04	0·07	0·00	0·11	0·37	0·49	1·27	0·43	0·79	0·00	0·01	0·97
Registered Sunshine (in hours)	38·9	34·1	43·7	10·7	31·3	19·5	25·3	21·9	20·5	17·8	49·7	43·0	33·9
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox	2	2	2	1	1	1	1	3	3	3	-	-	1
Scarlet Fever	2575	2584	2540	2437	2355	2322	2235	2126	2144	2131	2139	2210	2161
Diphtheria	1394	1374	1313	1261	1200	1165	1123	1068	1034	997	1040	1065	1066
Enteric Fever	215	207	193	183	173	148	139	129	125	124	118	107	99

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R.Met.Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrothley Wolverhampton; Arthur Brown, Esq., M.Inst.C.E., and P. Bobbyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTIETH Week of the Year 1899.

USES OF DEATH		Corrected Averages for the 10 years 1889-98*.	In the Week ending Saturday, 20th May 1899.										CAUSES OF DEATH	Corrected Averages for the 10 years 1889-98*.	In the Week ending Saturday, 20th May 1899.											
			Deaths of Persons of the Ages												Deaths of Persons of the Ages											
			ALL AGES.	Under 20.			20 and under 40.		40 and under 60.		60 and under 80.				80 years and upwards.		ALL AGES.	Under 20.			20 and under 40.		40 and under 60.		60 and under 80.	
			0-1.	1-5.	5-20.									0-1.	1-5.	5-20.										
USES - - -		1585.7	1419	277	170	77	219	314	297	65		Diseases of Circulatory System - - -	133.3	137	2	2	18	18	36	58	3					
{ Vaccinated†		0.2	-	-	-	-	-	-	-	-		Croup - - - -	4.6	-	-	-	-	-	-	-	-	-	-	-	-	-
{ Unvaccinated		0.3	-	-	-	-	-	-	-	-		Bronchitis - - -	142.1	98	17	7	2	7	9	44	12	1	-	-	-	-
{ No Statement		0.7	-	-	-	-	-	-	-	-		Pneumonia - - -	121.6	134	21	19	10	26	37	20	1	-	-	-	-	
Fever - - -		80.7	51	17	34	-	-	-	-	-		Pleurisy - - - -	5.4	6	1	1	-	1	-	2	1	-	-	-	-	
Fever - - -		15.5	9	-	6	3	-	-	-	-		Other Diseases of Respiratory System -	24.4	19	2	1	1	1	6	7	1	-	-	-	-	
ing Fever - - -		-	-	-	-	-	-	-	-	-		Dentition - - - -	9.9	9	8	1	-	-	-	-	-	-	-	-	-	
nza - - - -		44.8	26	2	-	1	8	6	7	2		Quinsy, Sore Throat -	2.8	1	-	1	-	-	-	-	-	-	-	-	-	
ing-cough - - -		52.7	39	19	20	-	-	-	-	-		Enteritis - - - -	10.8	25	17	3	1	1	2	1	-	-	-	-	-	
eria - - - -		38.2	24	1	20	2	-	-	-	-		Peritonitis - - -	7.3	1	-	1	-	-	-	-	-	-	-	-	-	
{ Continued and Effused Fever -		0.5	-	-	-	-	-	-	-	-		Diseases of Liver -	23.7	40	4	-	3	21	12	-	-	-	-	-	-	
{ c Fever - - - -		7.6	6	-	-	2	3	1	-	-		Other Diseases of Digestive System of	30.5	33	6	1	-	9	8	8	1	-	-	-	-	
{ a and Chol. Diarr.		0.2	-	-	-	-	-	-	-	-		Diseases of Lymphatic System & of Ductless Glands - - -	2.7	3	-	-	3	-	-	-	-	-	-	-	-	
{ cea, Dysentery -		15.3	12	10	-	-	1	1	-	-		Diseases of Urinary System - - -	44.0	34	-	1	1	2	16	13	1	-	-	-	-	
{ tent Fever - - -		0.2	-	-	-	-	-	-	-	-		Diseases of Generative System - - -	6.2	7	1	-	2	3	1	-	-	-	-	-	-	
{ phobia - - - -		0.1	-	-	-	-	-	-	-	-		Accidents of Childbirth -	5.5	6	-	-	5	1	-	-	-	-	-	-	-	
{ rs - - - -		-	-	-	-	-	-	-	-	-		Diseases of Locomotive System - - -	6.1	4	1	1	1	-	1	-	-	-	-	-	-	
{ x and Effects of		0.3	-	-	-	-	-	-	-	-		Diseases of Integumen- tary System - - -	4.7	7	1	-	-	3	1	2	-	-	-	-	-	
{ ination - - - -		8.0	8	4	1	-	2	1	-	-		VIOLENT DEATHS†														
{ al Affections - -		3.8	5	3	1	-	1	-	-	-		(ACCIDENT.)														
{ elas - - - -		2.6	2	-	-	-	1	1	-	-		By Railways - - - -	2	-	-	-	-	2	-	-	-	-	-	-	-	
{ a and Septicæmia		3.8	5	3	1	-	1	-	-	-		By Vehicles or Horses -	7	-	1	3	-	1	2	-	-	-	-	-	-	
{ ral Fever - - -		4.8	4	-	-	3	1	-	-	-		In Ships, Boats, Docks, (exclusive of Drowning) -	-	-	-	-	-	-	-	-	-	-	-	-		
{ zymotic Diseases		1.6	-	-	-	-	-	-	-	-		In Building Operations -	-	-	-	-	-	-	-	-	-	-	-	-	-	
{ - - - -		0.4	-	-	-	-	-	-	-	-		In Conflagrations - -	-	-	-	-	-	-	-	-	-	-	-	-	-	
{ s and other Para- l Diseases - - - }		0.2	2	-	-	2	-	-	-	-		By Burns, Scalds, Explosions - - - }	57.3	2	-	1	1	-	-	-	-	-	-	-	-	
{ tion, Want of }		0.4	2	2	-	-	-	-	-	-		By Drowning - - - -	6	-	1	1	2	2	-	-	-	-	-	-	-	
{ st-milk - - - }		10.5	17	-	-	4	11	2	-	-		By Suffocation in Bed -	12	12	-	-	-	-	-	-	-	-	-	-	-	
{ lism - - - -		-	-	-	-	-	-	-	-	-		By Poisons or Poisonous Vapours - - - -	3	-	-	-	1	2	-	-	-	-	-	-	-	
{ natic Fever, Matism of Heart }		6.7	3	-	2	1	-	-	-	-		Other or not stated causes - - - -	15	4	1	1	1	5	2	1	-	-	-	-	-	
{ Matism - - - -		2.2	-	-	-	-	-	-	-	-		(VIOLENCE OTHER THAN ACCIDENTAL.)														
{ s - - - -		2.7	2	-	-	1	1	-	-	-		Homicide - - - -	1.6	-	-	-	-	-	-	-	-	-	-	-	-	
{ s - - - -		6.2	3	2	1	-	-	-	-	-		Suicide - - - -	9.5	17	-	-	-	8	6	3	-	-	-	-	-	
{ Mesenterica - -		70.6	76	-	2	11	34	29	-	-		Execution - - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	
{ ular Meningitis -		19.5	10	5	3	1	1	-	-	-		OTHER CAUSES - - -	43.7	38	33	1	-	2	-	2	-	-	-	-	-	
{ is - - - -		26.9	28	8	13	7	-	-	-	-																
{ la, Tuberculosis Constitutional }		152.5	170	1	4	13	75	59	16	2																
{ ases - - - -		18.5	17	2	6	3	6	-	-	-																
{ - - - -		13.8	10	-	2	-	3	3	-	-																
{ ture Birth - - -		49.9	35	35	-	-	-	-	-	-																
{ tasis - - - -		2.4	2	2	-	-	-	-	-	-																
{ ital Malforma- }		8.1	6	6	-	-	-	-	-	-																
{ e - - - -		44.5	47	-	-	-	-	19	28	-																
{ xy - - - -		42.4	38	-	-	1	3	10	21	3																
{ sy - - - -		6.1	6	-	-	-	2	1	3	-																
{ lisions - - - -		40.9	21	18	3	-	-	-	-	-																
{ Diseases of Brain }		80.9	69	9	10	1	5	20	17	7																
{ Nervous System }		-	-	-	-	-	-	-	-	-																
{ es of Organs of }		3.6	3	1	1	-	-	-	1	-																
{ al Sense - - - }		-	-	-	-	-	-	-	-	-																

The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase in population. Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the death is not certified by a registered practitioner, the case is returned under the heading "no statement," when the evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &amp;c., registered in each SUB-DISTRICT during the Week ending Saturday, 20th May, 1899.

The DEATHS registered during the Week include																	
REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON	4,411,710	2598	1419	277	362	-	51	9	24	39	-	6	-	12	64	141	451
WEST DISTRICTS	778,251	378	254	44	83	-	6	1	1	6	-	1	-	2	9	16	76
NORTH DISTRICTS	1,040,694	564	300	47	69	-	14	4	7	3	-	-	-	1	18	35	99
CENTRAL DISTRICTS	233,635	126	96	23	17	-	2	-	5	3	-	-	-	4	11	35	83
EAST DISTRICTS	716,334	536	239	60	54	-	12	2	11	16	-	3	-	3	23	44	112
SOUTH DISTRICTS	1,642,796	994	488	103	126	-	17	2	-	-	-	-	-	-	-	-	-
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*	-	-	42	-	13	-	-	2	-	-	-	-	-	1	-	1	42
WEST DISTRICTS.																	
St. Mary Paddington } G. & W.	90,996	51	26	2	13	-	-	-	-	1	-	-	-	-	1	1	5
WHH St. John Paddington H - - G.	33,510	7	18	-	9	-	-	-	-	-	-	-	-	-	-	2	8
Kensington Town Ww - - W.	122,164	62	42	5	13	-	1	-	-	1	-	-	-	1	1	3	17
Brompton HH - - W & C.	48,301	5	9	2	3	-	-	-	-	-	-	-	-	1	1	1	3
North Hammersmith } H } W & G	44,638	31	12	5	3	-	1	-	-	1	-	-	-	-	1	1	2
South Hammersmith } H } W & G	58,561	29	17	1	3	-	-	-	-	2	-	-	-	-	-	1	2
Fulham Ww - - W & C.	113,781	88	45	15	7	-	3	1	1	-	-	-	-	-	-	-	14
Chelsea Kensal Town - C.	21,450	10	4	-	12	-	-	-	-	-	-	-	-	-	-	-	-
Chelsea North WHHHHH - C.	42,057	14	18	2	7	-	-	-	-	1	-	-	-	-	1	2	8
Chelsea South HE - - C.	33,139	20	6	3	1	-	-	-	-	-	-	-	-	-	-	-	1
May Fair W - - G.	23,827	4	16	-	9	-	-	-	-	-	-	-	-	-	1	1	11
Belgrave WHHH - - C.	56,140	21	16	3	5	-	1	-	-	-	-	-	-	-	1	1	5
St. John Westminster HH - C.	31,492	15	8	4	12	-	-	-	-	-	-	1	-	-	1	1	2
St. Margaret Westminster H- C.	22,097	4	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-
St. James Westminster } N. & G.	23,050	7	8	1	3	-	-	-	-	-	-	-	-	-	-	-	1
WHH St. Anne Soho HHHHHH - N.	12,048	10	5	1	1	-	-	-	-	-	-	-	-	-	1	1	1
NORTH DISTRICTS.																	
All Souls Marylebone } - W.	36,595	9	7	-	-	-	-	-	-	-	-	-	-	-	1	1	3
HHHHHHHHH } - W.	19,798	8	5	1	2	-	-	-	-	1	-	-	-	-	-	-	-
Rectory Marylebone W } G. & W.	19,637	29	10	3	3	-	-	-	-	-	-	-	-	1	1	1	1
St. Mary Marylebone } G. & W.	32,547	17	2	2	-	-	-	-	-	-	-	-	-	-	1	1	5
HHHH } - W	32,611	16	7	3	1	-	-	-	-	-	-	-	-	-	1	1	1
St. John Marylebone HHH } W.	75,449	28	21	3	6	-	2	4	2	-	-	-	-	-	2	2	10
Hampstead } - N. & W.	37,341	12	8	2	3	-	-	-	-	-	-	-	-	-	-	-	-
WwHHHH } - N. & W.	26,757	14	24	4	3	-	1	-	1	1	-	-	-	-	3	3	14
Regent's Park Pancras HH - W.	29,426	16	7	1	1	-	-	-	-	-	-	-	-	-	-	2	3
Tottenham-court } - N. & W.	32,161	19	9	2	-	-	1	-	-	-	-	-	-	-	-	-	-
Gray's Inn Lane HHH } - N.	16,669	6	8	-	4	-	1	-	-	-	-	-	-	-	-	-	-
Somers Town HH - - N.	98,410	54	22	4	6	-	-	-	1	-	-	-	-	-	-	-	-
Camden Town WH - - N.	98,273	53	48	3	11	-	-	-	-	1	-	-	-	-	-	2	4
Kentish Town WW - - N.	107,365	52	21	2	5	-	1	-	1	2	-	-	-	-	3	6	14
Upper Holloway } - - N.	66,549	27	20	4	3	-	-	-	-	-	-	-	-	-	1	4	1
WWWwHH } - - N.	64,577	34	14	3	5	-	3	-	-	2	-	-	-	-	-	1	-
Islington South-west H - N.	33,485	17	8	1	3	-	-	-	-	1	-	-	-	-	-	-	-
Islington South-east - - N.	213,044	37	17	2	4	-	3	-	1	-	-	-	-	-	1	1	1
Highbury HH - - N.	38	18	4	2	2	-	2	-	-	-	-	-	-	-	1	2	5
Stoke Newington H - - N.	52	18	3	4	-	-	-	-	1	-	-	-	-	-	-	-	-
North Hackney - - E. & N.	52	18	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Central Hackney ww - E. & N.	52	18	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-
South-west Hackney HHH } E. & N.	52	18	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-
South-east Hackney WwH } E. & N.	52	18	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. sign Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. River; E. East London; and K. the Kent Company.

\* See note on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and re-named North Hammersmith and South Hammersmith, respectively.

REGISTRATION SUB-DISTRICTS

<sup>4</sup> Population in 1891, not included in the total population of the Central Districts or of London.  
<sup>5</sup> Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.

TABLE 5 LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLE SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 20th May, 1899—*continued*.

The DEATHS registered during the Week include																					
REGISTRATION SUB-DISTRICTS			Enu- me- rated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of	Deaths from												Inquest Cases.	Deaths in Public Institutions	Causes of
						Infants under 1 Year of age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhea.	Violence.				
SOUTH DISTRICTS.																					
Christchurch Southwark WHL.&S.	-	-	13,064	6	4	-	3	-	-	-	-	-	-	-	-	-	-	-	-		
St. Saviour Southwark	-	S.	12,301	5	4	2	-	-	-	-	-	-	-	-	-	-	1	1	-		
Kent-road	-	S. & L.	22,879	11	5	1	3	-	-	-	-	-	-	-	-	-	-	-	-		
Borough-road WH	-	S. & L.	16,083	10	4	1	-	-	-	-	-	1	-	-	-	-	-	1	-		
London-road HL	-	L. & S.	21,316	11	10	4	13	-	-	-	-	1	-	-	-	-	2	2	-		
Trinity Newington	-	S. & L.	28,723	28	8	5	8	-	2	-	-	-	-	-	-	-	-	-	-		
St. Peter Walworth W	-	S. & L.	62,045	44	15	4	4	-	-	-	-	1	-	-	-	-	1	3	1		
St. Mary Newington-	-	L. & S.	30,171	19	8	1	-	-	-	-	1	-	-	-	-	-	1	2	-		
St. Olave WH	-	-	11,731	9	24	3	3	-	-	-	-	-	-	-	-	-	1	3	20		
Bermondsey W	-	-	85,475	56	21	9	3	-	-	-	-	2	-	-	-	-	1	1	2		
Rotherhithe WWH	-	S. & K.	40,379	26	24	3	9	-	-	-	-	1	-	1	-	-	2	1	12		
Waterloo-road HH	-	L. & S.	28,396	20	9	1	-	-	-	-	-	-	-	1	-	-	-	1	2		
Lambeth Church 1st H	-	L. & S.	18,770	11	18	5	5	-	-	-	-	-	-	-	-	-	-	1	7		
Lambeth Church 2nd WW	-	L. & S.	40,994	28	14	2	4	-	-	-	-	1	-	-	-	-	-	1	9		
Kennington 1st H	-	S. & L.	52,486	36	11	3	3	-	-	-	-	-	-	-	-	-	-	-	-		
Kennington 2nd	-	S. & L.	43,244	19	9	2	3	-	-	-	-	-	-	-	-	-	-	1	-		
Brixton w	-	L. & S.	81,825	40	21	5	4	-	4	-	-	1	-	-	-	-	1	2	-		
Norwood WH	-	-	29,318	20	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-		
East Battersea	-	-	71,730	50	19	7	3	-	1	-	-	1	-	-	-	-	1	2	-		
West Battersea WWH	-	S.	93,385	49	24	8	4	-	-	-	1	-	-	-	-	-	2	6	7		
Clapham H	-	-	46,953	27	11	3	1	-	-	-	-	-	-	-	-	-	-	1	-		
Wandsworth WHHL	-	-	58,101	47	17	4	4	-	-	-	-	-	-	-	-	-	2	5	-		
Putney	-	-	20,566	13	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-		
Streatham WwwwL	-	L.	61,644	27	14	1	5	-	-	-	1	1	-	-	-	-	1	2	1		
Dulwich	-	L. & S.	7,519	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Camberwell Wwl	-	S. & L.	90,286	39	35	7	12	-	1	-	-	1	-	-	-	2	1	2	20		
Peckham WW	-	S., L., & K.	88,242	59	22	-	5	-	2	-	-	1	-	-	-	-	1	1	-		
St. George Camberwell	-	L. & S.	67,029	44	14	2	3	-	2	-	-	1	-	-	-	-	-	-	-		
Deptford North	-	-	36,152	28	5	-	2	-	-	-	-	-	-	-	-	-	1	2	-		
Deptford Central w	-	K.	45,441	25	12	3	1	-	-	-	4	-	-	1	-	-	-	4	-		
Deptford South	-	-	33,402	12	14	3	7	-	1	-	-	1	-	-	-	-	1	1	-		
Greenwich West H	-	-	23,012	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Greenwich East WH	-	K.	37,767	17	18	1	6	-	3	-	-	-	-	-	-	-	1	1	10		
Eltham wH	-	-	5,911	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lee H	-	-	24,222	7	6	-	5	-	-	-	-	-	-	-	-	-	-	-	-		
Lewisham WwH	-	-	38,139	31	20	3	8	-	-	2	1	1	-	-	-	-	2	2	9		
Sydenham H	-	L.	37,601	23	7	2	2	-	1	-	-	-	-	-	-	-	-	2	-		
Charlton wHH	-	-	15,928	12	6	-	-	-	-	-	3	-	-	-	-	-	-	-	-		
Woolwich Dockyard	-	K.	19,355	8	4	3	1	-	-	-	-	-	-	-	-	-	-	-	5		
Woolwich Arsenal HHHH	-	K.	21,950	18	8	5	1	-	-	-	-	-	-	-	-	1	-	-	1		
Mumstead West H	-	K.	16,714	10	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
Mumstead East WH	-	K.	42,538	34	11	1	3	-	-	-	-	-	-	-	-	-	-	-	1		
Banstead Asylum	-	-	-	-	3	-	1	-	-	-	-	-	-	-	-	-	-	3	-		
Batterham Asylum	-	-	-	-	5	-	5	-	-	-	-	-	-	-	-	-	-	5	-		
Banc Hill Asylum	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	8	-		
Hospital Ships and Camp, Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-		
Marerith Asylum	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1	-		
London County Asylum, Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Heath	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Canwell Asylum	-	-	-	-	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-		
Olney Hatch Asylum	-	-	-	-	3	-	1	-	-	-	-	-	-	-	-	-	-	6	-		
E. Hospital	-	-	-	-	2	-	-	-	2	-	-	-	-	-	-	-	-	3	-		
Finchmore Hill Hospital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-		
Leavesden Asylum	-	-	-	-	10	-	3	-	-	-	-	-	-	-	1	-	-	-	10		
Maybury Asylum	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	4	-		



6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 20th May, 1899.

REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include														
					Deaths of Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Deaths from										Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
							Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.					
LONDON—OUTER RING	368,749	1,422,063	1030	443	93	121	1	15	1	8	16	-	5	17	36	49	2		
Carshalton <i>wHH</i>	12,228	26,108	10	4	-	3	-	-	-	-	-	-	-	-	2	-	-		
Epsom, <i>part of</i> * <i>WwHH</i>	10,423	12,508	11	2	2	-	-	-	-	-	-	-	-	-	-	-	-		
Godstone, <i>part of</i> * <i>W</i>	2,754	1,598	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
Croydon <i>WwHHH</i>	20,851	128,699	78	33	10	11	-	-	-	-	1	-	-	2	4	6	-		
Mitcham <i>w</i>	11,697	23,072	14	4	1	2	-	-	-	-	1	-	-	-	-	-	-		
Wimbledon <i>HHH</i>	3,220	25,777	11	3	1	1	-	-	-	-	-	-	-	-	1	-	-		
Kingston <i>WH</i>	-	33,566	19	11	1	6	-	-	-	1	1	-	-	-	-	5	-		
Surbiton <i>H-</i>	-	12,178	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Esher, <i>part of</i> * <i>HH</i>	-	11,080	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
Hampton <i>HL</i>	4,565	18,252	11	5	2	1	-	-	-	-	-	-	-	-	-	-	-		
Richmond <i>WH</i>	2,160	25,389	10	12	1	4	-	-	-	-	-	-	-	-	1	3	-		
Mortlake <i>H</i>	2,823	16,159	5	4	-	2	-	-	-	-	-	-	-	-	-	-	-		
Bromley <i>HHH</i>	9,127	23,815	15	5	-	1	-	-	-	-	-	-	-	-	-	-	-		
Beckenham <i>H-</i>	6,542	21,969	10	3	-	-	-	-	-	-	-	-	-	1	1	-	-		
Chislehurst, <i>part of</i> * <i>WHH</i>	14,307	20,372	13	11	1	6	-	1	-	-	-	-	-	-	-	3	-		
Bexley <i>HHH</i>	12,540	30,590	27	12	4	3	-	-	-	-	-	-	-	1	1	1	-		
Dartford <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Sunbury <i>w</i>	11,054	13,671	6	3	1	1	-	-	-	-	-	-	-	1	1	-	-		
Staines <i>WH</i>	13,277	13,221	3	4	2	-	-	-	-	-	-	-	-	-	-	-	-		
Hillingdon <i>WHH</i>	6,035	12,237	9	5	2	1	-	-	-	-	1	-	-	1	1	-	-		
Uxbridge	12,757	7,253	3	2	1	-	-	-	-	-	-	-	1	-	-	-	-		
Hayes <i>wH-</i>	7,952	11,051	8	4	-	1	-	-	-	-	-	-	-	1	2	1	-		
Isleworth <i>WHH</i>	6,967	26,004	16	17	2	7	-	-	-	-	-	-	-	1	1	5	-		
Twickenham <i>HH</i>	2,415	16,027	11	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Brentford <i>HHHH</i>	4,318	37,777	17	11	2	1	-	-	-	-	1	-	-	-	-	-	-		
Chiswick	1,245	21,963	18	5	2	-	-	-	-	-	1	-	-	1	1	-	-		
Acton <i>WHH</i>	6,132	30,945	20	7	1	2	-	-	-	-	1	-	-	-	-	-	-		
Harrow <i>HHH</i>	13,809	15,715	13	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
Edgware <i>HH</i>	6,994	3,844	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Willesden <i>HHH</i>	4,383	61,265	78	20	6	6	-	1	-	1	-	-	-	1	2	1	-		
Hendon <i>WH</i>	5,382	15,843	7	6	-	2	-	-	-	-	-	-	-	-	-	3	-		
South Mimms <i>HH</i>	-	6,367	7	1	-	1	-	-	-	-	-	-	-	1	1	-	-		
Barnet <i>WHH</i>	21,077	14,152	10	5	1	1	1	-	-	-	-	-	-	1	1	-	-		
Finchley <i>HHH</i>	4,688	25,820	11	6	3	1	-	-	-	-	-	-	-	-	-	-	-		
Hornsey <i>HH</i>	3,039	61,097	32	13	-	5	-	1	-	1	-	-	-	-	1	1	-		
Tottenham <i>HH-</i>	4,642	97,174	71	27	6	3	-	2	-	1	1	-	-	1	2	1	-		
Edmonton <i>WwW</i>	7,489	36,351	36	15	2	3	-	1	-	-	-	-	-	-	2	3	-		
Enfield <i>WWHH</i>	12,602	31,536	11	4	1	1	-	-	-	-	-	-	-	-	-	1	-		
Waltham Abbey	11,017	6,066	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Cheshunt <i>H</i>	8,480	9,620	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-		
Hatfield, <i>part of</i> * <i>W-</i>	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bushey <i>H</i>	9,331	7,737	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Watford <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Stratford <i>H</i>	-	33,612	36	11	3	4	-	-	-	2	-	-	-	1	4	1	-		
Plaistow <i>WHHH</i>	-	59,030	55	23	6	4	-	1	-	-	-	-	2	-	-	1	-		
Canning Town <i>H</i>	-	54,750	46	23	5	6	-	4	-	-	1	-	-	3	4	-	-		
Forest Gate <i>w</i>	-	53,511	37	19	2	6	-	-	-	-	-	-	-	-	-	-	-		
East Ham <i>wHH</i>	3,266	32,713	50	24	7	5	-	-	-	2	4	-	1	-	-	-	-		
Leyton <i>WWwH</i>	4,334	70,188	48	23	1	6	-	-	-	1	4	-	-	1	1	8	-		
Walthamstow <i>HHL</i>	6,501	57,330	66	27	8	5	-	2	1	1	1	-	-	-	-	-	-		
Chigwell, <i>part of</i> * <i>HHHH</i>	11,779	12,941	8	4	1	2	-	-	-	-	-	-	-	-	-	-	-		
Epping <i>WH, part of</i> *	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	2	-		
Romford, <i>part of</i> * <i>WH</i>	6,556	4,324	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Ilford	8,493	10,913	18	10	3	2	-	2	-	-	-	-	-	-	-	-	1		
Barking Town, <i>H</i>	3,514	14,301	16	6	-	1	-	-	-	-	-	-	-	-	1	-	-		

Parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warringham and Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chislefield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of North in the sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for various Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 20th May, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS From ALL CAUSES.	The DEATHS registered in the Week include														Deaths in Public
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from												
						Infants under 1 Year, of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.					
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.				
GREATER LONDON	443,421	6,528,434	14.9	1.5	1867	370	483	1	66	10	32	55	6	17	81	50				
INNER LONDON -	74,672	4,546,752	16.3	1.6	1419	277	362	-	51	9	24	39	6	12	61	45				
OUTER RING -	368,749	1,981,682	11.8	1.2	448	93	121	1	15	1	8	16	-	5	17	4				

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMO- DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria	Whooping- cough.	Fever.	Diarrhoeal	
EDINBURGH -	298,927	May 20	148	106	18.5	-	2	1	-	3	2	-	
GLASGOW -	733,903	" 20	504	290	20.6	-	17	5	2	2	1	-	
DUBLIN -	349,594	" 20	182	180	26.8	-	2	1	1	3	-	-	
CALCUTTA -	466,460	March 4	-	-	-	-	-	-	-	-	-	-	
BOMBAY -	821,764	April 25	99	1272	80.5	9	59	?	?	?	544†	9	
MADRAS -	452,618	" 7	347	317	36.4	2	11	?	?	?	35	7	
PARIS -	2,511,629	May 13	1089	943	19.5	-	32	3	5*	11	15	3	
BRUSSELS -	551,011	" 13	242	157	14.9	-	4	-	1*	1	3	1	
AMSTERDAM -	512,758	" 6	260	131	13.2	-	-	-	1	-	-	-	
ROTTERDAM -	311,301	" 6	194	88	14.6	-	-	-	2	2	-	-	
THE HAGUE -	196,325	" 6	108	49	12.8	-	-	-	-	1	-	-	
COPENHAGEN -	345,000	" 13	182	137	20.7	-	3	3	3	2	-	-	
STOCKHOLM -	283,550	" 6	126	130	23.9	-	4	-	4*	-	-	-	
CHRISTIANIA -	203,337	" 13	130	79	20.2	-	-	-	2	2	-	-	
ST. PETERSBURG	1,132,677	" 6	829	687	31.6	2	16	11	16	5	27	7	
MOSCOW -	988,610	" 6	-	603	31.8	3	6	6	13	2	6	7	
BERLIN -	1,805,054	April 29	898	645	18.5	-	2	8	8	14	-	3	
HAMBURG -	675,351	May 13	-	211	16.2	-	-	-	1*	4	1	-	
DRESDEN -	389,300	April 15	251	149	19.8	-	-	-	1*	-	-	-	
BRESLAU -	406,012	May 13	-	200	25.7	-	-	2	4	1	-	1	
MUNICH -	445,000	" 6	357	217	25.4	-	-	-	2*	1	-	2	
VIENNA -	1,606,629	" 13	957	717	23.0	-	24	4	13*	5	-	3	
PRAGUE -	380,497	" 13	199	176	23.8	-	2	1	-	-	1	-	
BUDA-PESTH -	666,722	" 6	462	317	24.2	-	8	3	2	1	5	-	
TRIESTE -	165,913	April 29	90	74	22.5	-	-	5	3*	1	-	-	
ROME -	500,610	" 29	201	145	15.1	-	-	-	1	-	3§	-	
TURIN (10 days)	344,203	" 20	-	-	-	-	-	-	-	-	-	-	
VENICE -	169,883	May 6	77	77	23.6	-	2	-	-	-	-	-	
CAIRO -	570,062	April 8	-	-	-	-	-	-	-	-	-	-	
ALEXANDRIA -	319,766	" 8	-	-	-	-	-	-	-	-	-	-	
NEW YORK (including BROOKLYN)	3,550,053	" 29	-	-	-	-	-	-	-	-	-	-	
PHILADELPHIA -	1,266,832	" 29	-	501	20.6	-	-	5	18	2	37	-	

\* Including deaths from croup.

† Including 442 deaths from plague.

‡ Including 6 deaths from cholera.



1899.

MONTH AND DAY

MAY.

SUNDAY	- 14
MONDAY	- 15
TUESDAY	- 16
WEDNESDAY	- 17
THURSDAY	- 18
FRIDAY	- 19
SATURDAY	- 20

MEANS

No. of Column -

	In.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
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DATE.

MAY.

SUNDAY	- 14
MONDAY	- 15
TUESDAY	- 16
WEDNESDAY	- 17
THURSDAY	- 18
FRIDAY	- 19
SATURDAY	- 20

No. of Col. -

Phases of the Moon.	Mean reading (corrected and reduced to 32° or Fahrenheit).	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from Average.	Of the Dew point.	Difference between the Air Temperature and Dew Point Temperature.			Degree of Hu- midity (Sat- uration, 100).	Of Radiation.			Of the Surface.		General Direction.		Pressure on the Square Foot.		Robinson's.		in a Gauge.		Zone			
	In.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	A.M.	P.M.	Great- est.	Least.	Mean hourly obs.	Horizontal Movement of the Air in 24 hours.	Depar- ture from the average of 16 Years.	Miles.	in.	°	°
..	29-381	60°0	48°0	12°0	54°0	+ 1.4	47°9	6°1	87°	1°7	80	108°0	41°4	°	50.46	SSW. S. & S.W.	SSW. S. & S.W.	08	00	08	00	00	162	- 87	in.	0°02	0°0	
..	29-286	59°9	47°1	12°8	50°8	- 2°0	43°9	6°9	15°0	3°1	77	124°5	41°0	°	50°77	WSW. & S.W.	WSW. & S.W.	43	00	03	00	03	208	+ 49	0°37	0°0		
Apogee	29-539	61°9	46°5	15°4	52°0	- 1°1	43°7	8°3	16°3	5°7	73	133°1	34°3	°	50°97	SSW. S. & S.W.	WSW. & S.W.	72	00	10	00	10	507	+ 258	0°24	0°0		
First Quarter.	29-712	61°7	47°8	13°9	53°5	+ 0°2	43°2	10°3	17°3	3°2	68	124°7	43°1	°	50°97	SSW. S. & S.W.	WSW. S. & S.W.	23°2	00	12	00	12	562	+ 314	0°07	0°8		
..	29-700	70°2	49°2	21°0	59°0	+ 5°4	47°7	11°3	22°0	0°4	66	135°2	43°5	°	51°02	SSW. & S.W.	SSW. & S.W.	11°2	00	08	00	08	436	+ 188	0°00	3°4		
In Equator	29-788	62°1	46°9	15°2	55°1	+ 1°2	47°5	7°6	14°5	1°0	76	121°9	42°0	°	51°15	SSW. & S.W.	SSW. & S.W.	56	00	05	00	05	357	+ 109	0°04	4°8		
..	29-590	63°1	52°8	10°3	56°2	+ 2°0	51°4	4°8	10°8	0°3	84	114°3	48°7	°	51°52	SW. & SSW.	SW. & SSW.	12°7	00	09	00	09	460	+ 212	0°23	3°0		
..	29-568	62°7	48°3	14°4	54°4	+ 1°0	46°5	7°9	14°9	1°8	75	123°1	42°0	°	50°98	SW.	SW.	..	..	..	..	..	Sum 2782	Sum +1043	Sum 0°97	Sum 1°7	25	26

The results apply to the civil day or from midnight to midnight.  
 The height of the cistern of the barometer is 159 feet above the mean level of the sea ; no correction has been applied to the readings to reduce to sea level.  
 Observations are usually taken at 9h. A.M.; noon; 3h. P.M. and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of the temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.  
 In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average.  
 The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.  
 The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: - P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.  
 The numbers in column 23, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.  
 The reading of the barometer decreased from 29.57 in. at the beginning of the week to 29.22 in. by 9h. A.M. on the 15th; increased to 29.67 in. by 10h. P.M. on the 16th; decreased to 29.52 in. by 5h. A.M. on the 17th; increased to 29.80 in. by 10h. P.M. on the same day; decreased to 29.65 in. by 3h. P.M. on the 18th; increased to 29.87 in. by 7h. A.M. on the 19th; decreased to 29.53 in. by 7h. A.M. on the 20th and increased to 29.71 in. by the end of the week.

GENERAL REMARKS.

Overcast. Showery.  
 Overcast in morning with heavy rain between 5h. A.M. and 10h. A.M.; fine and partially cloudy afterwards.  
 Variable. Frequent heavy showers, with lightning and thunder at 1h. P.M. Lunar halo at night.  
 Overcast in morning with rain between 3h. A.M. and 5h. A.M.; fine afterwards with variable amounts of cloud. Strong gusty wind.  
 Fine; partially cloudy. Faint Solar halo in forenoon. Gusty wind in afternoon and evening.  
 Fine and partially cloudy in morning; overcast afterwards, with occasional showers.  
 Cloudy. Occasional showers. Gusty wind in afternoon and evening.

Explanatory (For explanation of symbols, see Note.)

w. P. generally -  
 w. P. till 5h. A.M.;  
 v. P. and N. till 3h. P.M.; w. P. afterwards.  
 v. P. and v. N. generally till 7h. P.M.; w. P. afterwards.  
 v. P. and v. N. till 6h. A.M.; w. P. afterwards.  
 w. P. till 2h. P.M.; w. P. till 6h. P.M.; w. P. afterwards.  
 w. P. throughout -

w. P. generally till 10h. A.M.; v. P. and v. N. till 3h. P.M.; w. P. afterwards.  
 Sum 339  
 Sum 1094  
 Sum 28  
 Sum 29



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1899.

# WEEKLY RETURN

## OF

### BIRTHS AND DEATHS IN LONDON

#### AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 21. 1899. VOL. LX.] WEEK ENDING SATURDAY, MAY 27. [Price 1½d.

General Register Office, Somerset House,  
May 29th, 1899.

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 16·0 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	May 6.	May 13.	May 20.	May 27.		May 6.	May 13.	May 20.	May 27.
33 Great Towns	16·6	17·7	17·6	16·0	Leicester - -	14·1	13·9	15·4	14·6
Birkenhead -	18·1	17·7	21·3	12·7	Liverpool - -	20·6	25·6	23·9	20·8
Birmingham -	16·6	15·5	21·3	14·4	London - - -	16·0	16·4	16·3	15·7
Blackburn -	13·1	17·4	19·3	15·4	Manchester - -	20·3	24·9	24·6	21·4
Bolton - - -	19·9	19·3	18·6	12·2	Newcastle-on-Tyne	17·3	16·9	13·9	16·9
Bradford - -	18·1	21·0	18·8	16·1	Norwich - - -	14·7	12·9	23·9	13·8
Brighton - -	17·3	15·7	16·1	13·5	Nottingham - -	15·2	20·5	16·1	17·4
Bristol - - -	16·6	15·4	13·8	13·3	Oldham - - -	17·6	18·7	21·4	20·4
Burnley - - -	16·1	18·0	19·8	15·2	Plymouth - - -	22·3	22·8	23·8	15·5
Cardiff - - -	10·9	15·4	16·0	11·2	Portsmouth - -	14·8	16·7	13·9	18·6
Croydon - - -	15·5	13·5	9·8	12·2	Preston - - -	19·5	21·3	17·3	21·3
Derby - - -	9·8	14·2	15·7	15·2	Salford - - -	19·8	26·8	21·3	17·4
Gateshead - -	13·2	12·2	14·2	10·8	Sheffield - - -	14·6	20·5	16·3	17·5
Halifax - - -	18·7	21·3	14·9	11·2	Sunderland - -	17·2	21·5	20·1	20·1
Huddersfield -	18·6	14·6	13·6	11·1	Swansea - - -	14·1	13·1	15·6	13·6
Hull - - - -	17·6	16·9	15·6	17·6	West Ham - - -	10·6	11·1	14·4	10·4
Leeds - - - -	18·5	15·1	16·6	15·3	Wolverhampton -	17·0	22·9	21·7	18·2

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·1 in Nottingham, 1·2 in Salford, 1·4 in Sunderland, and 2·0 in Manchester; from *whooping-cough*, 1·0 in Plymouth, 1·4 in Burnley, and 1·8 in Wolverhampton; and from *diarrhœa*, 1·2 in Wolverhampton. In none of the thirty-three towns did the death-rate from *scarlet fever* or from "*fever*" reach 1·0 per 1,000. The 59 deaths from *diphtheria* included 23 in London, 5 in Leicester, 5 in Sheffield, and 3 in Leeds. Four deaths from *small-pox* were registered in Hull, and 1 in Oldham, but not one in any other of the thirty-three towns.

#### LONDON.

In LONDON† 2306 BIRTHS and 1366 DEATHS were registered. Allowing for increase of population, the births were 299, and the deaths 215,

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 16·0, 16·4, and 16·3 in the preceding three weeks, further fell last week to 15·7. During the four weeks ending on Saturday last the death-rate averaged 16·1 per 1000, being 2·2 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98:

The 1366 deaths included 61 from measles, 5 from scarlet fever, 23 from diphtheria, 34 from whooping-cough, 4 from enteric fever, 10 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 137 deaths were referred to these diseases, being 82 below the corrected average weekly number.

The deaths from *measles*, which had been 36, 49, and 51 in the preceding three weeks, further rose last week to 61, but were 18 below the corrected average; 7 cases belonged to Hackney, 6 to Fulham, and 5 to Lambeth sanitary areas. The deaths from *scarlet fever*, which had been 10, 2, and 9 in the preceding three weeks, fell again last week to 5, and were 11 below the corrected average. The deaths from *diphtheria*, which had been 21, 40, and 24 in the preceding three weeks, were 23 last week, the corrected average being 37; 4 cases belonged to Newington, and 3 to Lambeth sanitary areas. The deaths from *whooping-cough*, which had been 47, 39, and 39 in the preceding three weeks, further fell last week to 34, and were 27 below the corrected average. The fatal cases of *enteric fever*, which had been 7, 8, and 6 in the preceding three weeks, further fell last week to 4, and were 4 below the corrected average. The deaths from *diarrhœa*, which had been 12, 9, and 12 in the preceding three weeks, fell again last week to 10, and were 6 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 251, 257, and 257 in the preceding three weeks, were 256 last week, the corrected average being 288. The deaths attributed directly to *influenza* numbered 27, having been 25, 29, and 26 in the preceding three weeks.

Different forms of violence caused 68 deaths, concerning all of which inquests were held. Of these 68 deaths, 5 were cases of suicide, and 2 of homicide, while the remaining 61 were attributed to accident or negligence. Six of these were referred to vehicles in the streets, 12 to drowning, 2 to the effects of anæsthetics administered for surgical purposes, and 18 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2201 cases of scarlet fever, 1111 of diphtheria, 102 of enteric fever, and 1 of typhus under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 229 cases, against 219, 259, and 211; of diphtheria, 143 cases, against 182, 149, and 145; and of enteric fever, 19 cases, against 15, 11, and 16.

#### GREATER LONDON.

In Greater London 3213 births and 1786 deaths were registered, corresponding to annual rates of 25·7 and 14·3 per 1000 of the estimated population. In the Outer Ring 1 death from small-pox, 15 deaths from measles, 1 from scarlet fever, 15 from diphtheria, 10 from whooping-cough, 1 from "fever," and 4 from diarrhœa were registered. Eight deaths from measles and 7 from diphtheria occurred in West Ham district; 3 deaths of diphtheria occurred in Edmonton district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·83 inches, and that of the Thermometer 49°·5; the latter being 5°·9 below the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 14 per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 29·3 hours; the measured rainfall amounted to 0·66 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Small-pox, Scarlet Fever, Diphtheria, Enteric Fever, or Typhus respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.



CITIES AND BOROUGH.	POPULATION as estimated to the middle of the year 1891.	Registered during the week ending 27th May 1891.			The DEATHS registered in the Week include										TEMPERATURE OF THE AIR.										RAINFALL.		CITIES AND BOROUGH.
		BIRTHS.	DEATHS.	Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Rever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified Cases of Death.	From All Causes.	From Diseases in Cols. 9-12.	Mean.		In Inches.	In Centi- metres.					
																			Highest.	Lowest.			Fahrenheit.	Centigrade.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.			
33 TOWNS.	11,404,408	5668	3496	754	891	5	119	27	59	84	16	41	145	285	826	42	160	16	650	310	478	878	079	201			
LONDON.	-	4,546,752	1366	296	362	-	61	5	23	34	4	10	68	139	443	9	157	16	642	362	495	972	096	163			
WEST HAM.	-	300,241	140	12	19	-	4	-	1	-	-	-	2	4	5	2	104	12	-	-	-	-	-	-			
CROYDON.	-	127,759	48	30	3	-	-	-	1	-	-	-	-	-	2	-	122	08	615	310	493	961	098	173			
BRIGHTON.	-	123,266	58	32	2	-	-	-	1	-	-	-	-	-	3	-	135	04	612	370	510	1056	016	041			
PORTSMOUTH.	-	190,741	80	63	24	-	1	-	1	1	1	2	3	5	14	-	186	16	650	370	114	1078	038	071			
PLYMOUTH.	-	100,437	51	30	6	-	-	-	1	2	-	-	-	1	5	1	155	16	650	370	-	-	-	-			
BRISTOL.	-	320,911	141	82	17	-	2	-	1	1	-	-	3	5	17	1	133	05	623	360	496	973	072	218			
CARDIFF.	-	185,826	92	40	8	-	-	-	2	1	-	-	-	2	5	-	112	08	-	-	-	-	-	-			
SWANSEA.	-	103,722	45	27	6	-	-	-	2	1	-	-	1	4	2	-	136	15	-	-	-	-	-	-			
WOLVERHAMPTON.	-	88,821	56	31	10	-	-	-	-	3	-	-	1	2	2	1	182	29	629	340	481	894	097	243			
BIRMINGHAM.	-	514,856	271	142	34	-	-	-	-	2	2	3	5	8	27	2	144	07	629	340	-	-	-	-			
NORWICH.	-	113,268	65	30	8	-	-	-	-	1	-	-	-	-	3	1	138	05	629	340	477	872	081	206			
LEICESTER.	-	213,851	116	60	16	-	-	-	2	5	1	1	3	7	7	-	146	22	-	-	466	811	127	323			
NOTTINGHAM.	-	239,384	105	80	19	-	5	4	1	3	-	1	1	5	19	-	174	30	627	362	-	-	-	-			
DERBY.	-	106,401	37	31	6	-	-	1	-	-	-	-	2	5	5	-	152	05	-	-	-	-	-	-			
BIRKENHEAD.	-	115,162	51	28	3	-	-	-	1	1	-	-	1	2	6	-	127	09	592	338	482	789	074	188			
LIVERPOOL.	-	634,212	400	253	42	-	6	4	2	5	2	4	18	32	81	8	208	19	592	338	-	-	-	-			
BOLTON.	-	162,221	74	38	6	-	-	-	-	-	1	1	3	5	6	-	122	06	-	-	-	-	-	-			
MANCHESTER.	-	543,902	202	223	51	-	21	1	1	9	-	7	3	9	45	5	214	37	-	-	-	-	-	-			
SALFORD.	-	218,244	77	73	17	-	5	2	2	1	-	-	3	6	11	1	204	17	-	-	-	-	-	-			
OLDHAM.	-	150,772	56	59	11	-	1	-	2	1	1	1	-	-	3	-	152	37	-	-	-	-	-	-			
BURNLEY.	-	113,081	47	33	7	-	-	-	2	3	-	-	1	-	8	1	154	04	-	-	-	-	-	-			
BLACKBURN.	-	135,154	58	40	8	-	-	1	-	-	-	-	1	1	10	1	213	13	-	-	-	-	-	-			
PRESTON.	-	117,622	56	48	12	-	-	-	-	1	1	1	3	4	4	-	111	05	598	338	437	650	129	328			
HUDDERSFIELD.	-	103,464	33	22	4	-	-	-	-	1	-	-	-	-	1	2	112	05	598	338	-	-	-	-			
HALIFAX.	-	97,721	31	21	2	-	-	-	-	-	-	-	-	-	4	-	112	04	640	360	461	783	101	257			
BRADFORD.	-	236,241	81	73	12	-	2	1	-	1	-	-	2	5	17	-	161	09	640	360	-	-	-	-			
LEEDS.	-	423,880	233	124	30	-	3	-	3	2	-	3	6	14	18	-	153	14	-	-	-	-	-	-			
SHEFFIELD.	-	361,169	216	121	32	-	1	2	5	3	1	-	1	2	24	5	175	17	-	-	-	-	-	-			
HULL.	-	234,270	145	73	23	-	3	1	2	3	-	-	8	8	11	2	176	31	580	330	439	681	081	213			
SUNDERLAND.	-	145,613	93	56	17	-	4	1	1	1	1	1	1	2	3	1	108	15	-	-	-	-	-	-			
GATESHEAD.	-	106,552	91	22	4	-	-	-	-	-	-	-	-	-	6	10	169	15	-	-	-	-	-	-			
NEWCASTLE.	-	228,625	113	74	16	-	-	-	1	3	-	1	4	-	-	1	169	15	-	-	-	-	-	-			

See note \* on first page of this return

TABLE 2. LONDON.—Births and Deaths Registered in the TWENTY-FIRST Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2402	2443	2681	2508	2242	2414	2640	2421	2437	2569	2604.8	2306
Males - -	1218	1265	1383	1262	1152	1218	1337	1293	1264	1327	1331.9	1185
Females - -	1184	1178	1293	1246	1090	1196	1303	1128	1173	1242	1272.9	1121
<b>TOTAL Deaths</b>	1267	1451	2337	1534	1459	1440	1371	1509	1275	1385	1581.1	1366
Males - -	664	742	1166	802	758	764	709	810	692	697	817.9	736
Females - -	603	709	1171	732	701	676	662	699	613	688	763.2	630

\*The numbers in this column are the average weekly numbers in the twenty-first week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Mar. 4.	Mar. 11.	Mar. 18.	Mar. 25.	Apr. 1.	Apr. 8.	Apr. 15.	Apr. 22.	Apr. 29.	May 6.	May 13.	May 20.	May 27.		
<b>TOTAL Births</b>	-	-	2676	2627	2613	2480	2609	2554	2875	2759	2693	2623	2574	2598	2306
<b>TOTAL Deaths</b>	-	-	1925	1954	2099	2025	1922	1816	1624	1499	1478	1397	1428	1419	1366
Ages at Death	Under 1 year	-	395	368	376	370	377	341	320	317	325	277	285	277	296
	1-5 years	-	229	266	278	272	224	203	195	186	195	165	196	170	174
	5-20 "	-	91	105	106	89	90	99	79	82	87	84	72	77	73
	20-40 "	-	249	229	238	230	212	227	225	200	172	202	206	219	166
	40-60 "	-	387	375	436	423	380	367	341	303	289	282	282	314	295
60-80 "	-	474	487	518	514	494	464	378	322	321	305	320	297	289	73
80 years and upwards	-	100	124	147	127	145	115	86	89	89	82	67	65	78	289
<b>Deaths from—</b>															
Small pox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	-	-	36	38	35	33	37	29	34	51	45	36	49	51	61
Scarlet Fever	-	-	7	9	7	4	4	8	6	7	6	10	2	9	5
Diphtheria	-	-	48	36	45	37	31	34	20	29	26	21	40	24	23
Whooping-cough	-	-	64	55	73	90	57	68	54	47	54	47	39	39	34
Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever	-	-	9	9	7	4	9	6	14	3	4	7	8	6	4
Simple Continued Fever	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery	-	-	12	13	8	11	7	11	4	7	10	12	9	12	10
Cholera	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
All the above Diseases	-	-	176	160	175	179	146	146	133	144	145	133	147	141	137
Dis. of Respiratory System	-	-	470	529	565	604	505	470	343	277	294	251	257	257	266
Phthisis	-	-	206	202	209	182	139	174	173	160	140	145	143	170	141
Dis. of Circulatory System	-	-	183	174	198	181	195	152	147	140	114	145	148	137	134
Violence	-	-	76	80	75	56	63	89	83	65	71	73	83	64	68
Inquest Cases	-	-	182	190	184	163	155	189	156	152	137	131	165	141	139
Deaths in Public Institutions	-	-	577	568	637	532	503	534	509	472	432	473	484	452	443
<b>TEMPERATURE OF THE AIR.</b>															
Mean	-	-	38.0	40.2	42.5	32.2	50.1	48.9	43.9	43.4	50.1	46.4	50.9	54.4	49.5
Mean of Highest readings	-	-	47.7	49.1	52.4	40.9	59.0	56.1	52.2	52.3	57.3	55.3	62.2	62.7	57.1
Mean of Lowest readings	-	-	28.3	31.1	33.8	24.8	43.2	44.0	37.2	34.7	41.1	37.2	41.7	48.3	43.2
Humidity of the Air	-	-	79	73	87	68	77	77	80	75	76	67	75	75	78
Rain-fall (in inches)	-	-	0.04	0.07	0.00	0.11	0.37	0.49	1.27	0.43	0.79	0.00	0.01	0.97	0.66
Registered Sunshine (in hours)	-	-	34.1	43.7	19.7	31.3	19.5	25.3	21.9	26.5	17.8	49.7	43.0	33.9	29.3
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>															
Small-pox	-	-	2	2	1	1	1	3	3	3	-	-	-	1	1
Scarlet Fever	-	-	2584	2540	2437	2355	2322	2235	2126	2144	2131	2139	2210	2161	2201
Diphtheria	-	-	1374	1313	1261	1200	1165	1126	1068	1034	997	1040	1065	1066	1111
Enteric Fever	-	-	207	193	183	173	148	139	129	125	124	118	107	99	102

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Bobbyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Hanson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-FIRST Week of the Year 1899.

CAUSES OF DEATH		Corrected Averages for the 21st Week 1889-98.	In the Week ending Saturday, 27th May 1899.										CAUSES OF DEATH		Corrected Averages for the 21st Week 1889-98.	In the Week ending Saturday, 27th May 1899.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.			80 years and upwards.				ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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CAUSES	1581.1	1366	296	174	73	166	295	289	73																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered in SUB-DISTRICT during the Week ending Saturday, 27th May, 1899.

REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	The DEATHS registered during the Week include														Inquest Cases.	Deaths in Public Institutions.
					Deaths of		Deaths from													
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.				
LONDON -		4,411,710	2306	1366	296	362	-	61	5	23	34	-	4	-	10	68	139	443		
WEST DISTRICTS.																				
St. Mary Paddington } G. & W.		90,986	56	21	3	7	-	1	-	-	1	-	-	-	1	1	2	4		
WHH																				
St. John Paddington H - - G.		33,510	5	8	-	4	-	-	-	-	1	-	-	-	-	-	1	1		
Kensington Town Ww - - W.		122,164	57	38	3	16	-	-	-	-	1	-	1	-	-	1	5	15		
Brompton HH - - W. & C.		48,301	12	14	1	3	-	-	-	-	1	-	-	-	-	-	1	7		
North Hammersmith† H } W. & G.		44,688	32	11	4	2	-	-	-	-	-	-	-	-	-	-	1	3		
South Hammersmith† H }		59,561	24	15	3	3	-	-	-	-	-	-	-	-	-	2	2	3		
Fulham Ww - - W. & C.		113,781	76	47	15	7	-	6	-	2	1	-	-	-	-	3	5	18		
Chelsea Kensal Town - - C.		21,450	8	3	-	-	-	-	-	-	-	-	-	-	-	1	1	10		
Chelsea North WHHHHH - C.		42,057	20	30	2	11	-	-	-	1	-	-	-	-	-	2	3	18		
Chelsea South HE - - C.		33,139	17	6	1	2	-	-	-	-	-	-	-	-	-	1	1	2		
May Fair W - - - G.		23,827	6	10	-	6	-	-	-	-	-	-	-	-	-	-	-	3		
Belgrave WHHH - - C.		56,140	18	20	3	5	-	-	-	-	-	-	-	-	-	1	3	11		
St. John Westminster HH - - C.		31,492	17	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Margaret Westminster H- C.		22,097	3	9	-	2	-	-	-	-	-	-	-	-	-	-	-	4		
St. James Westminster } N. & G.		23,050	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
WHH																				
St. Anne Soho HHHHHH - N.		12,048	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
NORTH DISTRICTS.																				
All Souls Marylebone } - - W.		36,595	11	11	-	1	-	-	-	-	-	-	-	-	-	2	2	8		
HHHHHHHHH																				
Rectory Marylebone W } G. & W.		19,798	11	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1		
St. Mary Marylebone } G. & W.		19,837	22	7	2	1	-	-	-	-	-	-	-	-	-	-	2	-		
HHHH																				
Christchurch Marylebone H - W		32,547	11	4	1	-	-	-	-	-	1	-	-	-	-	-	-	-		
St. John Marylebone HHH W.		32,611	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hampstead } - N. & W.		75,449	31	19	5	2	-	2	2	3	-	-	-	-	-	-	-	6		
WwHHHHH																				
Regent's Park Pancras HH - W.		37,341	15	10	2	4	-	1	-	-	-	-	-	-	-	1	1	2		
Tottenham-court } - N. & W.		26,757	5	14	1	4	-	-	-	1	-	-	-	-	-	1	3	10		
wHHHH																				
Gray's Inn Lane HHH - - N.		29,426	20	12	2	1	-	-	-	-	-	-	-	-	1	-	-	4		
Somers Town HH - - N.		32,161	25	10	6	2	-	-	-	-	1	-	-	-	-	1	1	-		
Camden Town WH - - N.		16,669	12	12	4	4	-	1	-	-	1	-	-	-	-	-	5	5		
Kentish Town WW - - N.		98,410	59	18	4	4	-	1	-	-	-	-	1	-	-	1	1	4		
Upper Holloway } - - N.		98,273	60	43	6	17	-	-	-	-	-	-	-	-	1	2	3	29		
WWWwHH																				
Islington South-west H - N.		107,365	52	18	4	4	-	-	-	-	-	-	-	-	-	2	2	-		
Islington South-east - - N.		66,549	28	14	2	5	-	1	-	-	-	-	-	-	-	-	-	-		
Highbury HH - - N.		64,577	25	14	5	3	-	3	-	-	1	-	-	-	-	1	2	-		
Stoke Newington H - - N.		33,485	20	12	3	3	-	1	1	-	-	-	-	-	-	-	-	-		
North Hackney - - E. & N.		13	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
Central Hackney ww - - E. & N.		18	13	3	-	-	-	5	1	1	-	-	-	-	1	-	1	4		
South-west Hackney HHH E. & N.		213,044	32	19	1	8	-	2	-	-	-	-	-	-	-	2	3	3		
South-east Hackney WwH E. & N.			35	25	5	7	-	-	-	1	-	-	-	-	1	-	1	11		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. signifying Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. N. River; E. East London; and K. the Kent Company.

\* See note on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and re-named North Hammersmith and South Hammersmith, respectively.

**TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 27th May, 1899—continued.**

REGISTRATION SUB-DISTRICTS		Enu- mer- ated Popu- lation. 1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include														Deaths in Public Institutions	Causes of Death																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence	Inquest Cases																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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† Population in 1891, not included in the total population of the Central Districts of London.

Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.

TABLE 5 LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 27th May, 1899—continued.

		The DEATHS registered during the Week include																
REGISTRATION SUB-DISTRICTS		Enu- me- rated  Popu- lation,  1896.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.		
SOUTH DISTRICTS.																		
Christchurch Southwark	WHL & S.	13,064	8	5	-	2	-	-	-	-	1	-	-	-	1	-	-	
St. Saviour Southwark	- S.	12,301	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kent-road	- S. & L.	22,879	10	7	3	1	-	-	-	-	-	-	-	-	-	-	-	
Borough-road	WH - S. & L.	16,083	6	5	4	-	-	-	-	-	2	-	-	-	-	-	-	
London-road	HL - L. & S.	21,816	7	6	1	-	-	1	-	-	-	-	-	-	-	1	3	
Trinity Newington	- S. & L.	28,723	27	11	5	3	-	-	-	1	-	-	-	-	1	-	-	
St. Peter Walworth	W - S. & L.	62,045	36	15	4	2	-	-	-	1	-	-	-	-	-	1	-	
St. Mary Newington	- L. & S.	30,171	21	13	1	2	-	-	-	-	2	-	-	-	-	-	-	
St. Olave	WH - - - S.	11,731	4	17	1	2	-	-	-	-	-	-	-	-	3	3	14	
Bermondsey	W - - - S.	85,475	35	25	8	7	-	2	-	1	-	-	-	-	1	3	2	
Rotherhithe	WwH - S. & K.	40,379	26	13	2	4	-	-	-	-	-	-	-	-	2	2	7	
Waterloo-road	HH - L. & S.	28,396	17	7	2	1	-	-	-	-	-	-	-	-	-	-	-	
Lambeth Church 1st	H - L. & S.	18,770	16	13	1	1	-	-	-	-	1	-	-	-	2	2	1	
Lambeth Church 2nd	WW - S. & L.	40,994	34	22	4	11	-	-	-	-	-	-	-	-	-	3	14	
Kennington 1st	H - L. & S.	52,486	32	14	3	2	-	2	-	2	-	-	-	-	-	-	-	
Kennington 2nd	- S. & L.	43,244	14	12	2	5	-	1	-	1	-	-	-	-	-	-	-	
Brixton	w - L. & S.	81,825	39	20	5	7	-	1	-	2	-	-	-	-	-	1	2	
Norwood	WH - - - L.	29,318	10	3	1	2	-	-	-	-	-	-	-	-	-	-	-	
East Battersea	- - - S.	71,730	42	12	5	2	-	-	-	-	-	-	-	-	-	-	-	
West Battersea	WwH - - - S.	93,385	43	33	6	10	-	1	-	-	-	-	-	-	-	-	16	
Clapham	H - - - S.	46,953	25	10	2	2	-	-	-	1	-	-	-	-	1	1	1	
Wandsworth	WHHL - - - S.	58,101	38	8	1	1	-	-	-	-	-	-	-	-	1	1	-	
Putney	- - - S.	20,566	8	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
Streatham	WwwwL - - - L.	61,644	38	14	3	4	-	-	-	1	-	-	-	-	1	1	3	
Dulwich	- - - I. & S.	7,519	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Camberwell	Wwl - - - S. & L.	90,286	33	32	3	13	-	1	-	-	-	-	-	-	1	2	17	
Peckham	WW - S., L., & K.	88,242	48	21	6	7	-	2	-	1	-	-	-	-	-	-	-	
St. George Camberwell	- L. & S.	67,029	41	17	11	-	-	1	-	1	-	-	-	-	2	3	-	
Deptford North	- - - K.	36,152	14	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
Deptford Central	w - - - K.	45,441	28	8	2	1	-	-	-	-	-	-	-	-	1	1	-	
Deptford South	- - - K.	33,402	16	8	2	2	-	-	-	2	-	-	-	-	1	1	-	
Greenwich West	H - - - K.	23,012	11	7	2	2	-	-	-	-	-	-	-	-	1	1	-	
Greenwich West	WH - - - K.	37,767	17	18	2	9	-	-	-	-	-	-	-	-	1	1	10	
Eltham	wH - - - K.	5,911	2	3	-	3	-	-	-	-	-	-	-	-	-	-	-	
Lee	H - - - K.	24,222	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lewisham	WwH - - - K.	38,139	28	23	4	10	-	1	-	3	-	-	-	-	1	1	12	
Sydenham	H - - - L.	37,601	19	6	-	4	-	-	-	-	-	-	-	-	1	1	-	
Charlton	wHH - - - K.	15,928	7	6	1	-	-	-	1	2	-	-	-	-	-	-	3	
Woolwich Dockyard	- - - K.	19,355	11	6	3	2	-	-	-	-	-	-	-	-	-	1	-	
Woolwich Arsenal	HHHH - K.	21,959	5	7	1	4	-	-	-	-	-	-	-	-	-	1	1	
Plumstead West	H - - - K.	16,714	3	4	-	3	-	-	-	-	-	-	-	-	-	-	-	
Plumstead East	WH - - - K.	42,538	26	14	5	2	-	-	-	-	-	-	-	-	1	1	4	
Banstead Asylum	- - - -	-	-	5	-	1	-	-	-	-	-	-	-	-	-	-	6	
Caterham Asylum	- - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cane Hill Asylum	- - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hospital Ships and Camp, Dartford	- - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Darenth Asylum	- - - -	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2	
London County Asylum, Dartford	- - - -	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1	
Heath	- - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hanwell Asylum	- - - -	-	-	5	-	3	-	-	-	-	-	-	-	-	-	-	5	
Colney Hatch Asylum	- - - -	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1	
N.E. Hospital	- - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Winchmore Hill Hospital	- - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Leavesden Asylum	- - - -	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	3	
Claybury Asylum	- - - -	-	-	7	-	2	-	-	-	-	-	-	-	-	-	-	-	



6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 27th May, 1899.

					The DEATHS registered in the Week include														
REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.					
NDON—OUTER RING	368,740	1,422,063	907	420	81	124	1	15	1	15	10	1	4	16	29	34	3		
Carshalton <i>wHH</i>	12,228	26,108	11	5	1	1	-	-	-	-	-	-	-	-	-	-	-		
Epsom, <i>part of</i> * <i>WwHH</i>	10,423	12,508	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
Godstone, <i>part of</i> * <i>W</i>	2,754	1,598	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Croydon <i>WwHHH</i>	20,851	128,899	56	34	4	14	-	-	-	1	-	-	-	-	-	2	-		
Mitcham <i>w</i>	11,697	23,072	11	6	2	1	-	-	-	-	1	-	-	-	-	-	-		
Wimbledon <i>HHH</i>	3,220	25,777	18	7	1	3	-	-	-	-	-	-	-	-	-	-	-		
Kingston <i>WH</i>	-	33,566	21	9	1	5	-	-	-	-	-	-	-	-	-	2	-		
Surbiton <i>H-</i>	-	14,672	6	2	-	1	-	-	-	-	-	-	-	-	1	-	-		
Esher, <i>part of</i> * <i>HH</i>	-	11,080	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hampton <i>HL</i>	4,565	18,252	10	2	-	1	-	-	-	1	-	-	-	-	-	1	-		
Richmond <i>WH</i>	2,160	25,389	10	2	-	2	-	-	-	-	-	-	-	-	-	1	-		
Mortlake <i>H</i>	2,823	16,159	10	3	-	2	-	-	-	-	-	-	-	-	-	1	-		
Bromley <i>HHH</i>	9,127	23,815	17	6	2	-	-	-	-	1	1	1	-	-	-	1	1		
Beckenham <i>H-</i>	6,542	21,969	14	3	2	1	-	-	-	-	-	-	-	-	-	-	-		
Chislehurst, <i>part of</i> * <i>WHH</i>	14,307	20,372	10	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
Bexley <i>HHH</i>	12,540	30,590	25	12	3	5	-	-	-	-	1	-	-	-	-	-	-		
Dartford <i>WH, part of</i> *	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-		
Sunbury <i>w</i>	11,054	13,671	8	3	1	-	-	-	-	-	-	-	-	-	1	-	-		
Staines <i>WH</i>	13,277	13,221	7	6	1	2	-	-	-	-	-	-	-	-	-	-	-		
Hillingdon <i>WHH</i>	6,035	12,237	9	2	1	1	-	-	-	-	-	-	-	-	-	-	-		
Uxbridge <i>w</i>	12,757	7,253	3	1	-	-	-	-	-	-	-	-	-	1	1	-	-		
Hayes <i>wH-</i>	7,952	11,051	15	5	-	1	-	-	-	-	-	-	-	2	2	-	-		
Isleworth <i>WHH</i>	6,967	26,004	14	5	-	1	-	-	-	1	-	-	-	-	-	-	-		
Twickenham <i>HH</i>	2,415	16,027	11	6	-	2	-	-	-	-	-	-	-	1	2	-	-		
Brentford <i>HHHH</i>	4,318	37,777	14	18	3	7	-	2	-	-	-	-	-	1	2	-	-		
Chiswick <i>w</i>	1,245	21,963	14	7	2	3	-	-	-	-	1	-	-	1	1	-	-		
Acton <i>WHH</i>	6,132	30,945	17	12	5	3	-	-	-	-	-	-	-	1	1	-	-		
Harrow <i>HHH</i>	13,809	15,715	9	2	1	1	-	-	-	-	-	-	-	-	-	-	-		
Edgware <i>HH</i>	6,994	3,844	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Willesden <i>HHH</i>	4,383	61,265	53	24	7	5	-	2	-	-	1	-	-	1	3	3	-		
Hendon <i>WH</i>	8,382	15,843	12	10	2	3	-	-	-	-	-	-	-	-	-	6	-		
South Mimms <i>HH</i>	-	6,367	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Barnet <i>WHH</i>	21,077	14,152	4	3	1	1	-	1	-	-	-	-	-	-	-	-	-		
Finchley <i>HHH</i>	4,668	25,820	11	4	1	1	-	-	-	-	-	-	-	-	-	-	-		
Hornsey <i>HH</i>	3,039	61,097	28	11	2	4	-	-	-	-	1	-	-	-	-	-	-		
Tottenham <i>HH-</i>	4,642	97,174	62	29	3	4	-	2	-	-	1	-	-	-	2	1	-		
Edmonton <i>WwW</i>	7,489	36,351	33	9	4	2	-	-	-	-	-	-	-	1	-	-	-		
Enfield <i>WwHH</i>	12,602	31,536	20	10	2	4	-	-	-	-	-	-	-	-	-	3	-		
Waltham Abbey	11,017	6,066	4	2	-	1	-	-	-	-	-	-	-	-	1	-	-		
Cheshunt <i>H</i>	8,480	9,620	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hatfield, <i>part of</i> * <i>W-</i>	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bushey <i>H-</i>	9,331	7,737	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Watford <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Stratford <i>H</i>	-	38,612	26	12	3	3	-	1	-	-	-	-	-	-	2	3	1		
Plaistow <i>WHHH</i>	-	53,030	52	19	3	8	-	2	-	-	-	-	-	-	-	-	1		
Canning Town <i>H</i>	-	54,750	44	16	4	3	-	-	-	-	-	-	-	-	-	-	1		
Forest Gate <i>w</i>	-	53,511	18	9	1	2	-	1	-	-	2	1	-	-	1	1	1		
East Ham <i>wHH</i>	3,266	32,713	45	22	6	4	-	1	1	2	1	-	-	-	-	-	-		
Leyton <i>WwWwH</i>	4,334	70,188	40	32	6	11	-	-	-	1	1	-	-	1	2	2	8		
Walthamstow <i>HHL</i>	6,501	57,330	41	23	3	3	-	3	-	2	1	-	-	2	3	-	-		
Chigwell, <i>part of</i> * <i>HHHH</i>	11,779	12,941	3	4	-	2	-	-	-	-	-	-	-	-	-	-	-		
Epping <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Romford, <i>part of</i> * <i>WH</i>	6,556	4,324	2	2	-	1	-	-	-	-	-	-	-	-	-	1	-		
Ilford <i>-</i>	8,493	10,913	21	7	-	2	-	1	-	-	-	-	-	-	1	-	-		
Barking Town, <i>H</i>	3,814	14,301	21	3	2	-	-	-	-	1	-	-	-	-	1	-	-		
Middlesex County Asylum, Wandsworth.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-		

parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Waringham and Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chislefield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,389); 139: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS AND

Rate of MORTALITY during the week ending Saturday, 27th May, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include													
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.				
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.				
GREATER LONDON	443,421	6,528,434	14.3	1.5	1786	377	486	1	76	6	38	44	5	14	84				
INNER LONDON -	74,672	4,546,752	15.7	1.6	1366	296	362	-	61	5	23	34	4	10	68				
OUTER RING -	368,749	1,981,682	11.1	1.2	420	81	124	1	15	1	15	10	1	4	16				

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN.	BIRTHS.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	
EDINBURGH - -	298,927	May 27	162	84	14.7	-	1	-	-	4	-	-
GLASGOW - -	733,903	" 27	510	267	19.0	-	9	2	-	4	-	-
DUBLIN - - -	349,594	" 27	187	178	26.5	-	1	-	-	1	4	-
CALCUTTA - -	466,480	March 11	-	-	-	-	-	-	-	-	-	-
BOMBAY - - -	821,764	May 2	165	1065	67.4	3	62	?	?	?	410†	-
MADRAS - - -	452,518	April 14	348	310	35.6	3	11	?	?	?	66	-
PARIS - - -	2,511,629	May 20	1018	972	20.1	-	31	5	10*	5	8	-
BRUSSELS - -	551,011	" 20	260	182	17.2	-	6	2	-	2	1	-
AMSTERDAM -	512,758	" 13	318	160	16.2	-	-	-	1	2	-	-
ROTTERDAM -	311,301	" 13	240	113	18.8	-	-	-	2	2	-	-
THE HAGUE -	196,325	" 13	100	63	16.4	-	-	-	-	-	-	-
COPENHAGEN -	345,000	" 20	232	134	20.3	-	-	1	2	4	2	-
STOCKHOLM -	283,550	" 13	135	123	22.6	-	8	2	5*	2	1	-
CHRISTIANIA -	203,337	" 20	140	68	16.0	-	-	2	-	-	-	-
ST. PETERSBURG	1,132,677	" 13	737	616	23.4	3	14	6	20	4	22	-
MOSCOW - - -	988,610	" 13	-	556	29.3	6	7	4	11	-	1	-
BERLIN - - -	1,805,054	" 6	940	625	18.0	1	11	22	11	7	-	-
HAMBURG - -	675,351	" 20	-	218	16.8	-	-	-	2*	5	1	-
DRESDEN - -	389,300	April 22	-	125	16.7	-	-	3	1*	-	-	-
BRESLAU - - -	406,012	May 20	-	195	25.0	-	-	2	-	1	-	-
MUNICH - - -	445,000	" 13	306	225	26.1	-	-	-	2*	3	-	-
VIENNA - - -	1,606,629	" 20	-	-	-	-	-	-	-	-	-	-
PRAGUE - - -	380,497	" 20	218	201	27.2	-	7	3	-	1	5	-
BUDA-PESTH -	666,722	" 13	470	305	23.8	-	7	5	3*	1	2	-
TRIESTE - - -	165,913	" 6	79	66	20.6	-	-	7	1*	-	1	-
ROME - - -	500,610	" 6	233	173	18.0	-	-	-	-	-	1	-
TURIN (10 days)	344,203	April 20	-	-	-	-	-	-	-	-	-	-
VENICE - - -	169,883	May 13	-	-	-	-	-	-	-	-	-	-
CAIRO - - -	570,062	April 8	-	-	-	-	-	-	-	-	-	-
ALEXANDRIA -	319,766	" 8	-	-	-	-	-	-	-	-	-	-
NEW YORK (including BROOKLYN)	3,550,053	May 6	1426	1324	19.5	-	14	17	28	5	6	-
PHILADELPHIA -	1,266,832	" 13	-	427	17.6	-	-	2	15	3	22	-

\* Including deaths from croup.

† Including 323 deaths from plague.

‡ Including 3 deaths from cholera.





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1899.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN

## THIRTY-TWO OTHER GREAT TOWNS

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General Register Office, Somerset House,  
June 5th, 1899.

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 17·7 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	May 13.	May 20.	May 27.	June 3.		May 13.	May 20.	May 27.	June 3.
<b>33 Great Towns</b>	17·7	17·6	16·0	17·7	Leicester - -	13·9	15·4	14·6	15·6
Birkenhead -	17·7	21·3	12·7	15·4	Liverpool - -	25·6	23·9	20·8	24·3
Birmingham -	15·5	21·3	14·4	16·7	London - - -	16·4	16·3	15·7	17·0
Blackburn -	17·4	19·3	15·4	19·7	Manchester - -	24·9	24·5	21·4	26·5
Bolton - - -	19·3	18·6	12·2	17·0	Newcastle-on-Tyne	16·9	13·9	16·9	17·8
Bradford - -	21·0	18·8	16·1	16·6	Norwich - - -	12·9	23·9	13·8	13·4
Brighton - -	15·7	16·1	13·5	8·5	Nottingham - -	20·5	16·1	17·4	15·5
Bristol - - -	15·4	13·8	13·3	14·8	Oldham - - -	18·7	21·4	20·1	22·1
Burnley - - -	18·0	19·8	15·2	21·2	Plymouth - - -	22·8	23·8	15·5	19·2
Cardiff - - -	15·4	16·0	11·2	11·5	Portsmouth - -	16·7	13·9	18·6	17·8
Croydon - - -	13·5	9·8	12·2	13·9	Preston - - -	21·3	17·3	21·3	22·6
Derby - - -	14·2	15·7	15·2	15·7	Salford - - -	26·8	21·3	17·4	20·5
Gateshead - -	12·2	14·2	10·8	17·1	Sheffield - - -	20·5	16·3	17·5	18·8
Halifax - - -	21·3	14·9	11·2	17·6	Sunderland - -	21·5	20·1	20·1	17·5
Huddersfield -	14·6	13·6	11·1	15·6	Swansea - - -	13·1	15·6	13·6	18·6
Hull - - - -	16·9	15·6	17·6	17·4	West Ham - - -	11·1	14·4	10·4	10·2
Leeds - - - -	15·1	16·6	15·3	17·1	Wolverhampton -	22·9	21·7	18·2	22·9

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Liverpool and Salford, 1·1 in Nottingham, 1·4 in Burnley, 1·6 in Bolton, and 2·5 in Manchester; from *scarlet fever*, 1·0 in Bolton and 1·4 in Burnley; from *whooping-cough*, 1·0 in Oldham and 1·4 in Burnley; from "*fever*" 1·0 in Huddersfield; and from *diphtheria*, 1·3 in Preston and 1·8 in Wolverhampton. The 69 deaths from *diphtheria* included 24 in London, 9 in Sheffield, 8 in Leicester, 4 in Liverpool, 3 in West Ham, 3 in Swansea, 3 in Manchester, and 3 in Leeds. No death from *small-pox* was registered in any of the thirty-three towns.

#### LONDON.

In LONDON† 2678 BIRTHS and 1483 DEATHS were registered. Allowing for increase of population, the births were 119 above, and the deaths 36

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

below, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 16·4, 16·3, and 15·7 in the preceding three weeks, rose again last week to 17·0. During the four weeks ending on Saturday last the death-rate averaged 16·4 per 1000, being 1·7 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1483 deaths included 67 from measles, 4 from scarlet fever, 24 from diphtheria, 33 from whooping-cough, 6 from enteric fever, 13 from diarrhoea and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 147 deaths were referred to these diseases, being 55 below the corrected average weekly number.

The deaths from *measles*, which had been 49, 51, and 61 in the preceding three weeks, further rose to 67, but were 6 below the corrected average; 17 cases belonged to Lambeth, 7 to Shoreditch, 6 to Islington, 6 to Greenwich, 5 to Hackney, and 5 to Limehouse sanitary areas. The deaths from *scarlet fever*, which had been 2, 9, and 5 in the preceding three weeks, fell again last week to 4, and were 11 below the corrected average. The deaths from *diphtheria*, which had been 40, 24, and 23 in the preceding three weeks, rose again last week to 24, but were 11 below the corrected average. The deaths from *whooping-cough*, which had been 39, 39, and 34 in the preceding three weeks, were 33 last week, and were 19 below the corrected average. The fatal cases of *enteric fever*, which had been 8, 6, and 4 in the preceding three weeks, rose again last week to 6, the corrected average being 7. The deaths from *diarrhoea*, which had been 9, 12, and 10 in the preceding three weeks, rose again last week to 13, and were 4 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 257, 257, and 256 in the preceding three weeks, fell last week to 240, and were 33 below the corrected average. The deaths attributed directly to *influenza* numbered 24, having been 29, 26, and 27 in the preceding three weeks.

Different forms of violence caused 66 deaths, concerning all but 2 of which inquests were held. Of these 66 deaths, 9 were cases of suicide, and 2 of homicide, while the remaining 55 were attributed to accident or negligence. Eight of these were referred to vehicles in the streets, 8 to drowning, and 13 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2212 cases of scarlet fever, 1134 of diphtheria, and 99 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 260 cases, against 259, 211, and 229; of diphtheria, 145 cases, against 149, 145, and 143; and of enteric fever, 21 cases, against 11, 16, and 19.

#### GREATER LONDON.

In Greater London 3774 births and 1919 deaths were registered, corresponding to annual rates of 30·1 and 15·3 per 1000 of the estimated population. In the Outer Ring 19 deaths from measles, 12 from diphtheria, 11 from whooping-cough, 2 from "fever," and 7 from diarrhoea were registered. Eight deaths from measles and 5 from diphtheria occurred in West Ham district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 30·12 inches, and that of the Thermometer 58°·4; the latter being 1°·5 above the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 27 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 95·9 hours; no rain was measured during the week.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Small-pox, Scarlet Fever, Diphtheria, Enteric Fever, or Typhus respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.



CITIES AND BOROUGH.	POPULATION estimated to the end of the Year 1895.*	Registered during the Week ending 3rd June 1892.			Deaths of		Deaths from										Causes of Death				Fahrenheit.		Mean.	RAINFALL.		CITIES- AND BOROUGH.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
		BIRTHS.	DEATHS.	Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Typh.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes of Death.	From All Causes.	From Diseases in Cols. 6-12.	Highest.	Lowest.	Fahrenheit.	Centigrade.		In Inches.	In Cent.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.	Cols.

TABLE 2. LONDON.—Births and Deaths Registered in the TWENTY-SECOND Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2405	2091	2553	2563	2643	2374	2569	2326	2596	2199	2558·7	2678
Males - -	1214	1051	1325	1291	1346	1245	1333	1207	1341	1140	1315·1	1346
Females - -	1191	1037	1228	1272	1297	1129	1233	1119	1255	1059	1243·6	1332
<b>TOTAL Deaths</b>	1151	1411	2189	1419	1455	1366	1308	1430	1320	1392	1519·4	1483
Males - -	607	770	1097	735	785	706	669	671	722	756	791·0	781
Females - -	544	641	1092	684	670	660	639	759	598	636	728·4	702

\*The numbers in this column are the average weekly numbers in the twenty-second week of the ten years 1889-98, raised by 5·213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Mar. 11.	Mar. 18.	Mar. 25.	Apr. 1.	Apr. 8.	Apr. 15.	Apr. 22.	Apr. 29.	May 6.	May 13.	May 20.	May 27.	June 3.
TOTAL Births	2627	2613	2480	2609	2554	2875	2759	2693	2623	2574	2598	2306	2678
TOTAL Deaths	1954	2099	2025	1922	1816	1624	1499	1478	1397	1428	1419	1363	1483
Ages at Death													
Under 1 year	368	376	370	377	341	320	317	325	277	285	277	296	281
1-5 years	266	278	272	224	203	195	186	195	165	196	170	174	168
5-20 "	105	106	89	90	99	79	82	87	84	72	77	73	92
20-40 "	229	238	230	212	227	225	200	172	202	206	219	166	211
40-60 "	375	436	423	380	367	341	303	289	282	282	314	295	351
60-90 "	487	518	514	494	464	378	322	321	305	320	297	289	310
80 years and upwards	124	147	127	145	115	86	89	89	82	67	65	73	70
Deaths from—													
Small pox	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	38	35	33	37	29	34	51	45	36	49	51	61	67
Scarlet Fever	9	7	4	8	6	7	6	10	2	9	5	4	4
Diphtheria	36	45	37	31	34	20	29	26	21	40	24	23	24
Whooping-cough	55	73	90	57	58	54	47	54	47	39	39	34	33
Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever	9	7	4	9	6	14	3	4	7	8	6	4	6
Simple Continued Fever	-	-	-	1	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery	13	8	11	7	11	4	7	10	12	9	12	10	13
Cholera	-	-	-	-	-	1	-	-	-	-	-	-	-
All the above Diseases	160	175	179	146	146	133	144	145	133	147	141	137	147
Dis. of Respiratory System—													
Phthisis	529	565	604	505	470	343	277	294	251	257	257	256	240
Dis. of Circulatory System—	202	209	182	139	174	173	160	140	145	143	170	141	165
Violence	174	198	181	195	152	147	140	114	145	148	137	134	169
Inquest Cases	80	75	56	63	89	83	65	71	73	83	61	68	66
Deaths in Public Institutions—	190	184	163	155	189	156	152	137	131	165	141	139	152
568	637	532	503	534	509	472	432	473	484	452	443	529	
TEMPERATURE OF THE AIR.													
Mean	40·2	42·5	32·2	50·1	48·0	43·9	43·4	50·1	46·4	50·9	54·4	49·5	58·4
Mean of Highest readings	49·4	52·1	40·9	59·0	56·1	52·2	52·3	57·3	55·3	62·2	62·7	57·1	70·8
Mean of Lowest readings	31·1	33·8	24·8	43·2	44·0	37·2	34·7	41·1	37·2	41·7	48·3	43·2	43·6
Humidity of the Air	73	87	68	77	77	80	75	76	67	75	75	78	60
Rain-fall (in inches)	0·07	0·00	0·11	0·37	0·49	1·27	0·43	0·79	0·00	0·01	0·97	0·66	0·00
Registered Sunshine (in hours)	43·7	19·7	31·3	19·5	25·3	21·9	26·5	17·8	49·7	43·0	33·9	29·3	95·9
CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.													
Small-pox	2	1	1	1	3	3	3				1	1	1
Scarlet Fever	2540	2437	2355	2322	2235	2126	2144	2131	2139	2210	2161	2201	2212
Diphtheria	1313	1261	1200	1165	1126	1068	1034	997	1040	1065	1066	1111	1134
Enteric Fever	193	183	173	148	139	129	125	124	118	107	99	102	99

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.; B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-SECOND Week of the Year 1899.

CAUSES OF DEATH		Corrected Averages for the 22nd Week of the 10 years 1889-98.	In the Week ending Saturday, 3rd June 1899								CAUSES OF DEATH		Corrected Averages for the 22nd Week of the 10 years 1889-98.	In the Week ending Saturday, 3rd June 1899.											
			Deaths of Persons of the Ages											Deaths of Persons of the Ages											
			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.					80 years and upwards.	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.			80 years and upwards.	
				0-1.	1-5.	5-20.			0-1.	1-5.						5-20.	0-1.	1-5.			5-20.				
CAUSES		1519.4	1483	281	168	92	211	351	110	70	Diseases of Circulatory System	131.6	169	1	1	12	24	55	66	1					
Small-pox { Vaccinated + Unvaccinated No Statement		0.2 1.3 0.3	-	-	-	-	-	-	-	-	Croup	3.4	2	-	2	-	-	21	45	-					
Typhoid Fever		72.6	67	18	40	8	1	-	-	-	Bronchitis	129.6	109	22	9	-	5	-	-	-					
Scarlet Fever		15.4	4	1	3	-	-	-	-	-	Pneumonia	113.7	103	18	23	3	11	27	18	2					
Typhus		0.3	-	-	-	-	-	-	-	-	Pleurisy	6.3	3	-	1	-	-	-	-	-					
Whooping-cough		40.5	24	-	1	1	3	13	5	1	Other Diseases of Respiratory System	20.3	23	5	2	-	2	5	7	-					
Typhoid Continued and Ill-defined Fever		51.6	33	16	17	-	-	-	-	-	Dentition	9.7	4	3	1	-	-	-	-	-					
Typhoid		35.4	24	3	14	7	-	-	-	-	Quinsy, Sore Throat	1.4	1	1	-	-	-	-	-	-					
Typhoid		0.3	-	-	-	-	-	-	-	-	Enteritis	13.4	14	7	1	2	-	3	1	-					
Typhoid		7.4	6	-	-	-	4	1	1	-	Peritonitis	6.9	6	-	1	3	1	-	-	-					
Typhoid		0.5	-	-	-	-	-	-	-	-	Diseases of Liver	23.7	26	-	-	-	3	15	8	-					
Typhoid		16.6	13	10	1	-	1	1	-	-	Other Diseases of Digestive System	29.9	41	11	3	1	8	8	8	-					
Typhoid		-	-	-	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands	2.5	6	-	-	2	2	1	1	-					
Typhoid		-	-	-	-	-	-	-	-	-	Diseases of Urinary System	46.4	57	-	-	1	13	25	15	-					
Typhoid		-	-	-	-	-	-	-	-	-	Diseases of Generative System	6.4	4	-	-	-	1	3	-	-					
Typhoid		-	-	-	-	-	-	-	-	-	Accidents of Childbirth	4.4	5	-	-	-	5	-	-	-					
Typhoid		-	-	-	-	-	-	-	-	-	Diseases of Locomotive System	5.6	9	-	-	3	3	3	-	-					
Typhoid		-	-	-	-	-	-	-	-	-	Diseases of Integumentary System	4.5	2	1	-	-	-	-	-	1					
Typhoid		-	-	-	-	-	-	-	-	-	VIOLENT DEATHS: (ACCIDENT.)														
Typhoid		-	-	-	-	-	-	-	-	-	By Railways		1	-	-	1	-	-	-	-					
Typhoid		-	-	-	-	-	-	-	-	-	By Vehicles or Horses		8	-	1	3	2	2	-	-					
Typhoid		-	-	-	-	-	-	-	-	-	In Ships, Boats, Docks, (exclusive of Drowning)		2	-	-	-	2	-	-	-					
Typhoid		-	-	-	-	-	-	-	-	-	In Building Operations		-	-	-	-	-	-	-	-					
Typhoid		-	-	-	-	-	-	-	-	-	In Conflagrations		-	-	-	-	-	-	-	-					
Typhoid		-	-	-	-	-	-	-	-	-	By Burns, Scalds, Explosions	58.4	6	-	5	1	-	-	-	-					
Typhoid		-	-	-	-	-	-	-	-	-	By Drowning		8	-	-	3	1	4	-	-					
Typhoid		-	-	-	-	-	-	-	-	-	By Suffocation in Bed		13	13	-	-	-	-	-	-					
Typhoid		-	-	-	-	-	-	-	-	-	By Poisons or Poisonous Vapours		2	-	-	-	-	1	1	-					
Typhoid		-	-	-	-	-	-	-	-	-	Other or not stated causes		15	4	-	-	3	4	3	-					
Typhoid		-	-	-	-	-	-	-	-	-	(VIOLENCE OTHER THAN ACCIDENTAL.)														
Typhoid		-	-	-	-	-	-	-	-	-	Homicide	2.3	2	2	-	-	-	-	-	-					
Typhoid		-	-	-	-	-	-	-	-	-	Suicide	10.1	9	-	-	-	5	2	2	-					
Typhoid		-	-	-	-	-	-	-	-	-	Execution	-	-	-	-	-	-	-	-	-					
Typhoid		-	-	-	-	-	-	-	-	-	OTHER CAUSES	40.3	36	27	4	-	2	1	2	-					

\* The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

† Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement." The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 3rd June, 1899.

The DEATHS registered during the Week include																				
REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of															Deaths in Public Institutions.	Uncertified Causes of
				Infants under 1 Year of Age.	Persons aged 40 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhea.	Violence.	Inquest Cases.				
LONDON -	4,411,710	2678	1483	281	380	-	67	4	24	33	-	6	-	13	66	152	529	6		
WEST DISTRICTS	778,251	391	243	43	63	-	2	1	3	1	-	1	-	1	12	23	91	1		
NORTH DISTRICTS	1,040,694	562	320	50	86	-	14	2	7	8	-	2	-	2	8	37	112	1		
CENTRAL DISTRICTS	233,635	148	82	15	17	-	1	-	2	1	-	1	-	1	5	9	40	1		
EAST DISTRICTS	716,334	542	276	53	61	-	21	-	1	7	-	1	-	4	16	52	103	1		
SOUTH DISTRICTS	1,642,796	1035	517	120	131	-	29	1	12	17	-	1	-	4	25	41	138	5		
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*	-	-	45	-	22	-	-	-	-	-	-	-	-	2	-	-	45	-		
WEST DISTRICTS.																				
St. Mary Paddington } G. & W.	90,996	55	23	8	7	-	-	-	-	1	-	-	-	-	1	1	4	-		
WHH																				
St. John Paddington H - - G.	33,510	3	5	-	1	-	-	-	-	-	-	-	-	-	-	-	3	-		
Kensington Town Ww - - W.	122,164	51	40	6	10	-	-	-	-	-	-	-	-	-	2	2	16	-		
Brompton HH - - W & C.	48,301	11	13	1	3	-	-	-	-	-	-	-	-	-	-	-	5	-		
North Hammersmith H } W. & G }	44,638	37	12	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
South Hammersmith H }	59,561	24	14	1	7	-	-	-	-	-	-	-	-	-	3	3	3	-		
Fulham Ww - - W. & C.	113,781	93	41	11	10	-	1	-	2	-	-	-	-	1	1	2	16	-		
Chelsea Kensal Town - C.	21,450	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Chelsea North WHHHHH - C.	42,057	23	13	1	7	-	-	-	-	-	-	-	-	-	-	1	12	-		
Chelsea South HH - - C.	33,139	19	13	2	3	-	-	-	1	-	-	-	-	-	-	2	4	-		
May Fair W - - - G.	23,827	6	14	-	5	-	-	-	-	-	-	-	-	-	-	2	11	-		
Belgrave WHHH - - C.	56,140	19	20	3	3	-	-	-	-	-	-	-	-	-	1	3	8	-		
St. John Westminster HH - C.	31,492	16	7	4	1	-	-	-	-	-	-	-	-	-	2	3	-	-		
St. Margaret Westminster H- C.	22,097	11	13	2	2	-	-	-	-	-	-	1	-	-	1	3	7	-		
St. James Westminster } N. & G.	23,050	8	3	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
WHH																				
St. Anne Soho HHHHHH - N.	12,048	5	5	2	-	-	-	1	-	-	-	-	-	-	1	1	1	-		
NORTH DISTRICTS.																				
All Souls Marylebone } - W.	36,595	8	10	-	4	-	-	-	-	-	-	-	-	-	-	-	6	-		
HHHHHHHHH																				
Rectory Marylebone W } G. & W.	19,798	11	5	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Mary Marylebone } G. & W.	19,637	31	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
HHHH																				
Christchurch Marylebone H- W	32,547	16	14	3	3	-	-	-	-	-	-	-	-	-	1	3	-	-		
St. John Marylebone HHH W.	32,611	11	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hampstead } - N. & W.	75,449	25	30	-	11	-	2	1	2	2	-	1	-	-	-	-	12	-		
WwHHHH																				
Regent's Park Pancras HH - W.	37,341	19	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Tottenham-court } - N. & W.	26,757	7	21	1	3	-	-	-	1	-	-	-	-	-	-	1	13	-		
wHHHH																				
Gray's Inn Lane HHH - - N.	29,426	16	15	4	1	-	-	-	1	-	-	-	-	-	1	3	3	-		
Somers Town HH - - N.	32,161	17	11	2	2	-	-	-	-	-	-	-	-	-	-	1	3	-		
Camden Town WH - - N.	16,669	13	12	1	6	-	-	-	-	-	-	-	-	-	1	2	9	-		
Kentish Town WW - - N.	98,410	57	30	4	12	-	1	-	-	1	-	-	-	-	-	2	10	-		
Upper Holloway } - - N.	98,273	61	53	8	20	-	1	-	-	1	-	-	-	-	-	1	35	-		
WWWwHH																				
Islington South-west H - N.	107,365	51	19	5	2	-	-	1	-	1	-	-	-	2	1	5	1	-		
Islington South-east - - N.	66,549	40	13	3	3	-	1	-	-	-	-	-	-	-	1	3	-	-		
Highbury HH - - N.	64,577	34	11	2	1	-	4	-	1	-	-	-	-	-	-	-	1	-		
Stoke Newington H - - N.	33,485	17	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
North Hackney - - E. & N.		26	15	4	3	-	-	-	-	1	-	-	-	-	1	1	-	-		
Central Hackney ww - E. & N.		26	16	4	1	-	1	-	4	-	-	1	-	-	1	3	6	-		
South-west Hackney HHH E. & N.	213,044	39	14	2	1	-	2	-	-	-	-	-	-	-	-	1	5	-		
South-east Hackney WwH E. & N.		37	16	3	6	-	2	-	-	-	-	-	-	-	-	1	8	-		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein: namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. signify Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

\* See note on first page of this Return.  
† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and were re-named North Hammersmith and South Hammersmith, respectively.

### ISTRATION SUB-DISTRICTS

† Population in 1891, not included in the total population of the Central Districts or of London.  
 St. Dunstons Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.





6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 3rd June, 1899.

REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include														
					Deaths of		Deaths from												
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.		
NDON—OUTER RING	368,749	1,422,063	1096	436	95	115	-	19	-	12	11	2	7	15	25	46	1		
Carshalton <i>WHH</i>	12,228	26,108	9	6	2	1	-	-	-	-	-	-	-	1	1	-	-		
Epsom, <i>part of</i> * <i>WwHH</i>	10,423	12,508	5	5	-	1	-	-	-	-	-	-	-	-	-	1	-		
Godstone, <i>part of</i> * <i>W</i>	2,754	1,598	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Croydon <i>WwHHH</i>	20,851	128,699	78	40	4	15	-	-	-	1	1	-	1	-	3	9	-		
Mitcham <i>w</i>	11,697	23,072	10	7	2	3	-	-	-	-	-	-	-	-	-	-	-		
Wimbledon <i>HHH</i>	3,220	25,777	22	8	1	3	-	-	-	-	-	-	-	-	-	-	-		
Kingston <i>WH</i>	-	33,566	23	7	-	1	-	-	-	-	1	-	-	-	-	-	4		
Surbiton <i>H-</i>	14,672	12,178	6	2	-	-	-	-	-	-	-	-	-	-	-	-	1		
Esher, <i>part of</i> * <i>HH</i>	-	11,080	2	2	-	-	-	-	-	1	-	-	-	1	1	1	-		
Hampton <i>HL</i>	4,565	18,252	8	3	-	2	-	-	-	-	-	-	-	-	-	-	-		
Richmond <i>WH</i>	2,160	25,389	12	5	1	2	-	-	-	-	-	-	-	-	-	2	-		
Mortlake <i>H</i>	2,823	16,159	15	3	2	-	-	-	-	-	1	-	1	-	-	-	-		
Bromley <i>HHH</i>	9,127	23,815	11	4	-	2	-	-	-	-	-	-	-	-	-	-	-		
Beckenham <i>H</i>	6,542	21,969	12	1	-	-	-	-	-	-	-	-	-	1	1	-	-		
Chislehurst, <i>part of</i> * <i>WHH</i>	14,307	20,372	5	6	1	2	-	3	-	-	-	-	-	-	-	1	-		
Bexley <i>HHH</i>	12,540	30,590	23	13	3	3	-	-	-	-	-	-	1	1	2	-	-		
Dartford <i>WH, part of</i> *	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-		
Sunbury <i>w</i>	11,054	13,671	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
Staines <i>WH</i>	13,277	13,221	10	2	-	1	-	-	-	-	-	-	-	-	-	1	-		
Hillingdon <i>WHH</i>	6,035	12,237	13	2	-	1	-	-	-	1	-	-	-	-	-	-	1		
Uxbridge	12,757	7,253	4	1	-	-	-	-	-	1	-	-	-	-	-	-	-		
Hayes <i>wH-</i>	7,952	11,051	12	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
Isleworth <i>WHH</i>	6,967	26,004	14	9	4	2	-	-	-	-	-	-	1	1	1	1	-		
Twickenham <i>HH</i>	2,415	16,027	10	4	-	2	-	-	-	-	-	-	-	-	-	-	-		
Brentford <i>HHHH</i>	4,318	37,777	17	14	6	4	-	1	-	-	-	-	-	3	4	-	-		
Chiswick	1,245	21,963	11	6	1	2	-	-	-	-	-	-	-	-	-	-	-		
Acton <i>wHH</i>	6,132	30,945	21	16	5	5	-	-	-	-	-	-	-	-	1	-	-		
Harrow <i>HHH</i>	13,809	15,715	15	3	-	2	-	-	-	-	-	-	-	-	-	-	-		
Edgware <i>HH</i>	6,994	3,844	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Willesden <i>HHH</i>	4,583	61,265	73	25	10	4	-	1	-	1	1	-	-	-	-	1	1		
Hendon <i>WH</i>	6,382	15,843	15	5	1	2	-	1	-	-	-	-	-	-	-	-	-		
South Mimms <i>HH</i>	-	6,367	3	2	-	2	-	-	-	-	-	-	-	-	-	-	-		
Barnet <i>WHH</i>	21,077	14,152	10	4	3	-	-	-	-	-	1	-	-	-	-	-	-		
Finchley <i>HHH</i>	4,688	25,820	25	10	-	5	-	-	-	-	-	-	-	-	-	-	-		
Hornsey <i>HH</i>	3,039	61,097	34	11	2	4	-	-	-	-	2	-	-	-	-	-	-		
Tottenham <i>HH-</i>	4,642	97,174	79	30	6	7	-	-	-	1	-	-	-	3	3	1	-		
Edmonton <i>WwW</i>	7,439	36,351	28	15	2	3	-	3	-	-	-	-	2	-	-	1	-		
Enfield <i>WwHH</i>	12,602	31,536	26	10	3	3	-	1	-	-	-	-	1	-	-	-	-		
Waltham Abbey	11,017	6,066	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Cheshunt <i>H</i>	8,480	9,620	8	5	2	-	-	-	-	-	-	-	-	-	-	-	-		
Hatfield, <i>part of</i> * <i>W-</i>	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bushey <i>H</i>	9,331	7,737	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Watford <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Stratford <i>H</i>	-	38,612	33	9	3	2	-	-	-	-	-	-	-	-	-	1	4		
Plaistow <i>WHHH</i>	-	59,030	67	17	6	2	-	1	-	2	-	-	-	1	3	2	-		
Canning Town <i>H</i>	4,706	54,750	61	19	3	-	-	-	-	-	-	1	-	2	2	2	-		
Forest Gate <i>w</i>	-	53,511	40	11	3	4	-	-	-	1	-	-	-	-	-	-	-		
East Ham <i>wWH</i>	3,266	32,713	57	15	4	2	-	6	-	-	-	-	-	1	1	-	-		
Leyton <i>WwWwH</i>	4,334	70,188	63	21	5	6	-	-	1	3	-	-	-	-	-	1	5		
Walthamstow <i>HHL</i>	6,501	57,330	58	29	5	8	-	1	-	1	-	-	-	-	-	-	-		
Chigwell, <i>part of</i> * <i>HHHH</i>	11,779	12,941	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-		
Epping <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Romford, <i>part of</i> * <i>WH</i>	6,556	4,324	4	2	1	1	-	-	-	-	-	-	-	-	-	-	-		
Ilford	8,493	10,913	18	8	1	2	-	1	-	1	-	1	-	-	-	1	-		
Barking Town, <i>H</i>	3,814	14,301	17	3	1	-	-	-	-	-	-	-	-	-	-	-	-		
Middlesex County Asylum, Wandsworth.	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	4		

parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warringham and Epsom in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in a sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 3rd June, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.			
GREATER LONDON	443,421	6,528,434	15·3	1·6	1919	376	495	-	86	4	36	44	8	20	81			
INNER LONDON -	74,672	4,546,752	17·0	1·7	1483	281	380	-	67	4	24	33	6	13	63			
OUTER RING -	368,749	1,981,682	11·5	1·3	436	95	115	-	19	-	12	11	2	7	15			

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.
EDINBURGH -	298,927	June	3	142	20·9	-	3	2	-	6	1	-
GLASGOW -	733,903	"	3	520	20·7	-	12	6	2	7	1	-
DUBLIN -	349,594	"	3	278	22·1	-	1	1	-	2	-	-
CALCUTTA -	466,460	April	22	-	362	40·4	3	-	-	-	175†	-
BOMBAY -	821,764	May	9	153	1103	4	52	?	?	?	436†	-
MADRAS -	452,618	April	21	350	285	32·7	1	8	?	?	47†	-
PARIS -	2,511,629	May	27	986	941	19·4	-	32	3	6*	12	10
BRUSSELS -	551,011	"	27	262	140	13·1	-	5	1	1*	-	1
AMSTERDAM -	512,758	"	20	298	145	14·7	-	-	-	1	2	-
ROTTERDAM -	311,301	"	20	217	100	16·6	-	-	-	1	-	-
THE HAGUE -	196,325	"	20	99	62	16·2	-	-	-	1	-	-
COPENHAGEN -	345,000	"	27	194	124	18·7	-	-	2	1	-	1
STOCKHOLM -	283,550	"	20	166	137	25·0	-	6	1	9*	2	-
CHRISTIANIA -	203,337	"	27	129	103	24·2	-	-	-	-	-	-
ST. PETERSBURG	1,132,677	"	20	525	526	24·2	1	5	5	10	10	24
MOSCOW -	988,610	"	20	-	571	30·1	4	9	6	4	2	3
BERLIN -	1,805,054	"	13	896	624	17·9	-	13	7	16	10	1
HAMBURG -	675,351	"	27	-	235	18·1	-	-	-	4*	5	1
DRESDEN -	389,300	April	29	-	-	-	-	-	-	-	-	-
BRESLAU -	406,012	May	27	-	191	24·5	-	3	1	3	-	-
MUNICH -	445,000	"	20	327	220	25·7	-	-	2	3*	2	-
VIENNA -	1,606,629	"	27	1000	682	21·8	-	19	2	7*	6	-
PRAGUE -	380,497	"	27	202	211	28·5	-	6	1	1	3	3
BUDA-PESTH -	666,722	"	20	417	302	23·6	-	5	8	3*	-	4
TRIESTE -	165,913	"	13	101	85	26·5	-	-	4	1*	1	1
ROME -	500,610	"	13	205	166	17·3	-	-	-	3	3	2
TURIN (10 days)	344,203	April	20	-	-	-	-	-	-	-	-	-
VENICE -	169,883	May	13	-	-	-	-	-	-	-	-	-
CAIRO -	570,062	April	15	-	-	-	-	-	-	-	-	-
ALEXANDRIA -	319,766	"	15	-	-	-	-	-	-	-	-	-
NEW YORK (including BROOKLYN)	3,550,953	May	43	1444	1164	17·1	-	18	14	26	10	6
PHILADELPHIA -	1,266,832	"	20	-	-	-	-	-	-	-	-	-

\* Including deaths from croup.

† Including 56 deaths from plague in Calcutta, 342 in Bombay, and 1 in Madras.

1899.

[illegible]

The results apply to the civil day, or from midnight to midnight.

The results apply to the civil day, or from midnight to midnight. The height of the cistern of the barometer is 159 feet above the mean level of the sea; a correction has been applied to the readings to reduce to sea level.

no correction has been applied to the readings to sea level. The means of the observations are usually taken at 9h. A.M.; noon; 3 p. M.; and 9h. P. M. The eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1880, and that of horizontal movement of the air from a discussion the anemometer records for the 10 years ending 1875.

of the air from a discussion of the anemometric records for the 16 years ending 1913. In reading columns 9 and 24 it will be borne in mind that + indicates "higher", and - "lower", than the average. The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

which cannot be determined. The record of Electricity is derived from Thomson's self-registering Electrometer. The readings are: -1, positive; N, negative; W, weak; m, moderate; S, strong; and v, variable. The numbers in column 28, derived from the Campbell-Stokes Instrument, show the aggregate duration of bright sunshine on each day. The reading of the barometer increased from 30.25 in. at the beginning of the week to 30.30 in. on 1st May, and then gradually decreased to 29.98 in. on 28th May. The temperature rose from 81° on June 1st to 84° on June 3rd, decreased to 79.48 in. by 4th P.M. on the same day, and increased to 80.03 in. by the end of the week.

## GENERAL REMARKS.

DATE.		ELECTRICITY. (For explanation of symbols, see Note.)	Registered Sunshine in hours.	Sun above Horizon, in hours.	GENERAL REMARKS.
	MAV.				
SUNDAY	- 28	W. P. throughout -	13'8	16'1	Very fine with small amounts of cloud. Cold.
MONDAY	- 29	W. P. throughout -	14'2	16'1	Very fine; cloudless with very slight exceptions.
TUESDAY	- 30	W. P. throughout -	14'2	16'2	Very fine and generally cloudless.
WEDNESDAY	31	W. P. throughout -	15'0	16'2	A very fine warm day. Generally cloud- less throughout.
JUNE. THURSDAY-	1	W. P. throughout -	14'8	16'3	Generally cloudless; a very fine warm day. Partially cloudy after 10h. P.M.
FRIDAY	- 2	W. P. throughout -	11'6	16'3	Very fine and hot. A few light clouds prevailed generally.
SATURDAY-	3	W. P. throughout -	12'3	16'3	Very fine. Cloudless with slight excep- tions.
			Sum 85'9	Sum 113'5	
No. of Col. -	-		28	29	

27



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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,*

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No. 23. 1899. VOL. LX.]      WEEK ENDING SATURDAY, JUNE 10.      [Price 1½d.

*General Register Office, Somerset House,*

*June 12th, 1899.*

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 16·4 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	May 20.	May 27.	June 3.	June 10.		May 20.	May 27.	June 3.	June 10.
33 Great Towns	17·6	16·0	17·7	16·4	Leicester	15·4	14·6	15·6	13·7
Birkenhead -	21·3	12·7	15·4	18·1	Liverpool	23·9	20·8	24·3	20·9
Birmingham -	21·3	14·4	16·7	15·3	London -	16·3	15·7	17·0	15·7
Blackburn	19·3	15·4	19·7	17·7	Manchester	24·5	21·4	26·5	22·9
Bolton -	18·6	12·2	17·0	17·7	Newcastle-on-Tyne	13·9	16·9	17·8	15·1
Bradford -	18·8	16·1	16·6	17·4	Norwich	23·9	13·8	13·4	11·0
Brighton	16·1	13·5	8·5	14·8	Nottingham	16·1	17·4	15·5	18·1
Bristol	13·8	13·3	14·8	14·6	Oldham	21·4	20·1	22·1	20·8
Burnley	19·8	15·2	21·2	14·3	Plymouth	23·8	15·5	19·2	17·6
Cardiff -	16·0	11·2	11·5	13·7	Portsmouth	13·9	18·6	17·8	15·6
Croydon	9·8	12·2	13·9	11·4	Preston	17·3	21·3	22·6	17·3
Derby -	15·7	15·2	15·7	17·2	Salford -	21·3	17·4	20·5	21·0
Gateshead	14·2	10·8	17·1	13·2	Sheffield	16·3	17·5	18·8	16·7
Halifax	14·9	11·2	17·6	19·2	Sunderland	20·1	20·1	17·5	20·8
Huddersfield	13·6	11·1	15·6	15·1	Swansea	15·6	13·6	18·6	18·1
Hull -	15·6	17·6	17·4	17·1	West Ham	14·4	10·4	10·2	10·8
Leeds -	16·6	15·3	17·1	14·8	Wolverhampton	21·7	18·2	22·9	14·7

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·0 in Bolton and in Salford, 1·1 in London and in Liverpool, 1·3 in Nottingham, and 2·2 in Manchester; and from *whooping-cough*, 1·0 in Leicester and in Oldham, 1·3 in Hull, 1·5 in Huddersfield, and 1·6 in Plymouth. In none of the thirty-three towns did the death-rate from *scarlet fever*, from "*fever*," or from *diarrhœa* reach 1·0 per 1,000. The 62 deaths from *diphtheria* included 28 in London, 7 in Swansea and in Sheffield, 6 in Leicester, and 3 in West Ham. One death from *small-pox* was registered in London, and 1 in Hull, but not one in any other of the thirty-three towns.

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

## LONDON.

In LONDON\* 2445 BIRTHS and 1365 DEATHS were registered. Allowing for increase of population, the births were 160, and the deaths 129, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 16·3, 15·7, and 17·0 in the preceding three weeks, fell again last week to 15·7. During the four weeks ending on Saturday last the death-rate averaged 16·2 per 1000, being 1·6 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1365 deaths included 1 from small-pox, 93 from measles, 5 from scarlet fever, 28 from diphtheria, 27 from whooping-cough, 7 from enteric fever, and 12 from diarrhœa and dysentery, and not one death from typhus, from any ill-defined form of continued fever, or from cholera; thus, 173 deaths were referred to these diseases, being 35 below the corrected average weekly number.

The death from *small-pox* was that of a male aged 32 years, who had been removed from Hinde Street, Manchester Square, to the Hospital Ship "Castalia." The deaths from *measles*, which had been 51, 61, and 67 in the preceding three weeks, rose again last week to 93, and were 14 above the corrected average; 13 cases belonged to Poplar, 8 to Lambeth, 7 to Shoreditch, 7 to Camberwell, and 5 to Whitechapel sanitary areas. The deaths from *scarlet fever*, which had been 9, 5, and 4 in the preceding three weeks, were 5 last week, the corrected average being 16. The deaths from *diphtheria*, which had been 24, 23, and 24 in the preceding three weeks, further rose last week to 28, but were 7 below the corrected average; 4 cases belonged to St. Pancras, 3 to St. George the Martyr, Southwark, 3 to Newington, and 3 to Lambeth sanitary areas. The deaths from *whooping-cough*, which had been 39, 34, and 33 in the preceding three weeks, further fell to 27 last week, and were 20 below the corrected average; 4 cases belonged to St. Pancras, 4 to Shoreditch, and 3 to Lambeth sanitary areas. The fatal cases of *enteric fever*, which had been 6, 4, and 6 in the preceding three weeks, were 7 last week, which is also the corrected average. The deaths from *diarrhœa*, which had been 12, 10, and 13 in the preceding three weeks, were 12 last week, and were 11 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 257, 256, and 240 in the preceding three weeks, declined again last week to 216, and were 31 below the corrected average. The deaths attributed directly to *influenza* numbered 18, having been 26, 27, and 24 in the preceding three weeks.

Different forms of violence caused 80 deaths, concerning all but 2 of which inquests were held. Of these 80 deaths, 15 were cases of suicide, and 1 of homicide, while the remaining 64 were attributed to accident or negligence. Seven of these were referred to vehicles in the streets, 10 to drowning, 8 to burns and scalds, and 11 (of infants under one year of age), to suffocation in bed.

## CASES OF INFECTIOUS SICKNESS IN HOSPITALS.†

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2269 cases of scarlet fever, 1159 of diphtheria, and 97 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 278 cases, against 211, 229, and 260; of diphtheria, 174 cases, against 145, 143, and 145; and of enteric fever, 17 cases, against 16, 19, and 21.

\* Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

† The figures for the Hospitals represent patients certified on admission to be suffering from Small-pox, Scarlet Fever, Diphtheria, Enteric Fever, or Typhus respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.



## GREATER LONDON.

In Greater London 3555 births and 1822 deaths were registered, corresponding to annual rates of 28·4 and 14·6 per 1000 of the estimated population. In the Outer Ring 21 deaths from measles, 3 from scarlet fever, 8 from diphtheria, 9 from whooping-cough, 4 from "fever," and 6 from diarrhoea were registered. Seven deaths from measles, 5 from diphtheria and 2 from "fever" occurred in West Ham district.

## METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 30·14 inches, and that of the Thermometer 61°·1; the latter being 2°·9 above the week's average in the 50 years 1841-90. The direction of the wind was north-easterly, the horizontal movement of the air being 17 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 72·1 hours: no rain was measured during the week.

## RETURNS OF LONDON WATER COMPANIES.

The LONDON WATER COMPANIES have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of May 1899. The supply was in the ratio of 235 gallons to one service.

COMPANIES.	Number of Services.		Daily Supply of Water in Gallons.	
	MAY, 1898.	MAY, 1899.	MAY, 1898.	MAY, 1899.
TOTAL SUPPLY - - -	860,278	880,923	205,403,094	207,071,881
From Thames - - - - -	413,771	422,426	107,700,025	111,365,360
From Lea and from other Sources -	446,507	458,497	97,703,069	95,706,521
THAMES.				
Chelsea - - - - -	37,867	38,256	11,731,497	12,328,007
West Middlesex - - - - -	82,379	83,990	21,221,312	21,512,422
Southwark and Vauxhall - - - - -	121,625	122,719	30,531,163	33,477,199
Grand Junction - - - - -	62,444	64,378	19,438,901	18,981,377
Lambeth - - - - -	109,456	113,083	24,477,152	25,066,355
LEA AND OTHER SOURCES.				
New River - - - - -	164,171	166,531	37,744,918	37,809,973
East London - - - - -	194,871	201,194	44,355,607	41,112,000
Kent - - - - -	87,465	90,772	15,602,544	16,784,548

*Note.*—The Return for May 1899, as compared with that for the corresponding month of 1898, shows an increase of 20,645 services and of 1,668,787 gallons of water supplied daily.

## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING MAY, 1899.

*Water-analysis Laboratory, The Yews, Reigate,*

*2nd of June, 1899.*

SIR,

I HAVE to report to you the results of the chemical analysis, and of the physical and bacterioscopic examination of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of May.

These examinations include (a) the bacterioscopic and chemical condition of the raw river waters at the intakes of the various Companies, and (b) the bacteriology of the water as it issues from the filter beds of each Company, and before it is pumped into the distributing mains.

I append, also, the results obtained in the analysis of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill, of Birmingham, and Dr. Mills, of Glasgow.

# *Analysis of Metropolitan Waters.*

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.		Date and Place of Collection.	Temperature in Centigrade degrees.	Total Solid Matter.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen as Ni- trates and Nitrites.	Total Combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.		°								
	(Unfiltered water) -	May 11th. Grand Junction Co.'s intake at Hampton.	13.9	27.68	.358	.078	.005	.169	.251	1.7	18.9
	Chelsea - - -	May 17th. Cab Rank, Horse Guards, Whitehall.	12.8	26.00	.153	.018	0	.158	.176	1.7	18.3
	West Middlesex -	May 17th. Cab Rank, Riding House- street.	11.9	26.24	.146	.019	0	.192	.211	1.7	18.0
	Southwark - - -	May 17th. Cab Rank, St. George's Church, Borough.	14.4	26.76	.132	.017	0	.172	.189	1.7	18.6
	Grand Junction -	May 17th. Cab Rank, Portman- street, Oxford-street.	13.6	26.68	.149	.020	0	.194	.214	1.7	18.3
	Lambeth - - -	May 17th. Cab Rank, St. George's- road, Southwark.	13.7	28.10	.139	.016	0	.213	.229	1.7	18.6
	LEA.										
	(Unfiltered water) -	May 12th New River Cut at Green Lanes.	—	31.48	.126	.015	.006	.162	.182	1.7	19.1
	New River - - -	May 17th. Cab Rank, Tottenham Court-road.	12.9	29.66	.069	.011	0	.168	.179	1.7	18.6
Outer Circle.	(Unfiltered water) -	May 16th. Lea at Angel-road.	12.7	31.40	.401	.069	.018	.116	.200	1.9	19.1
	East London - -	May 17th. Cab Rank, Sidney-street, E.	13.7	30.76	.152	.016	0	.140	.156	2.0	20.3
	DEEP WELLS.										
	Kent - - - -	May 17th. Police Station, Blackheath-road.	12.7	42.26	.043	.009	0	.492	.501	2.2	27.8
	East London - -	May 27th. Waltham Abbey Well.	—	29.20	.111	.013	.014	trace	.025	2.0	18.3
Corporation of Birming- ham* - - - -		May 15th. Raglan Terrace, Lower Edward Street.	10.0	35.2	.160	.030	0	.250	.280	2.7	22.0
Corporation of Glasgow†		May 15th. Loch Katrine water.	8.9	2.96	.127	.017	0	.003	.020	0.7	1.4
Column 1.		2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

\* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers contained in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus:—The Thames water collected on the 11th May at the Grand Junction Company's intake at Hampton had a temperature of 13.9° C.; 100,000 lbs. of it contained 27.68 lbs. of solid matter in solution; the organic substances, constituting a portion of this matter, contained .358 lb. of carbon and .078 lb. of nitrogen. The above quantity of water also contained .005 lb. of ammonia and .169 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was .251 lb. The above weight of water also contained 1.7 lb. of chlorine, and 18.9 lbs. of carbonate of lime, or an equivalent amount of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

Taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December 1876, as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies, was:—Kent 0.9, New River 1.3, East London (deep well) 2.1, Southwark 2.5, Lambeth 2.6, West Middlesex and East London (river supply) 2.8, and Chelsea and Grand Junction 2.9. The unfiltered waters contained the following proportions:—Thames at Hampton 7.4, New River Cut 2.4, and Lea at Angel Road 8.0.

The Thames at Hampton was, on May 11th, turbid and yellow in colour. It was of bad chemical, but good bacterial quality. The water supplied by the five Companies drawing from this river was, in every case, efficiently filtered before delivery; and, both chemically and bacterially, of excellent quality for dietetic and all domestic purposes. In comparison with the water passing the intakes, the bacterial improvement effected by the Thames Companies is expressed by the following percentage numbers:—Chelsea 98.59, West Middlesex 99.49, Southwark (general supply from Hampton) 98, (No. 4 filter) 99.77, Grand Junction (general filter well at Hampton) 98, (general supply from Kew) 95.76, (South filter well at Kew) 99.53, and Lambeth 99.77.

The New River Cut, before entering the storage and subsidence reservoirs of the New River Company, was, on the 12th of May, turbid and very pale yellow in colour. It was of good chemical and bacterial quality. After efficient filtration, it was delivered in excellent quality for dietetic and all domestic purposes. The reduction in the number of microbes amounted to 98.79 per cent.

The water drawn from the Lea at Angel Road by the East London Company was, on May 16th, turbid and yellow in colour. It was of very bad chemical and bacterial quality; but, after efficient filtration, was delivered in excellent chemical and bacterial condition. In comparison with the raw water at the intake, the bacterial improvement is expressed by the following high percentage numbers:—No. 1 Essex filter well 99.88, No. 2 Essex well 99.97, and Middlesex well 99.85.

The deep well water of the Kent and East London Companies was clear and bright without filtration, and of excellent quality for dietetic and all domestic purposes.

Seen through a stratum two feet deep, the Kent and East London Companies' water was clear and colourless, the New River clear and nearly colourless, and the remaining waters clear and very pale yellow.

The bacterioscopic examination of the river waters, before and after storage, and of the filtered supplies delivered by the various Companies, collected on the 11th, 12th, 16th, and 17th of May, yielded, after prolonged incubation, the results contained in the following Table:—

DESCRIPTION.	Microbes per c.c.	Temp. C.
<b>RAW AND STORED RIVER WATERS.</b>		
River Thames at Hampton, May 11th	1,700	13.9
" " after storage by Chelsea Company, May 11th	460	12.8
" " " " West Middlesex Company, May 12th	380	12.8
Grand Junction Company's water at Kew Bridge passing to filters, May 12th	340	13.8
New River Cut before passing through reservoirs, May 12th	1,160	—
" " after	420	13.5
River Lea at Angel Road, May 16th	29,900	12.7
" " after storage by East London Company, May 16th	1,640	13.5
<b>FILTERED RIVER WATERS AS SUPPLIED.</b>		
<b>THAMES.</b>		
Chelsea Company's general filter well, May 11th	24	12.8
West Middlesex Company's general filter well, May 12th	10	12.8
Southwark Company's tap on filtered water main at Hampton works, May 11th	34	13.5
" " " " No. 4 filter well	4	12.2
Grand Junction Company's general filter well at Hampton, May 11th	34	13.1
" " " " tap on filtered water main at Kew Bridge Works, May 12th	72	13.9
" " " " south filter at Kew Bridge, May 12th	8	13.7
Lambeth Company's general filter well, May 11th	4	13.1
<b>LEA.</b>		
New River Company's general filter well, May 12th	14	13.4
East London Company's No. 1 Essex filters, May 16th	36	12.9
" " " " No. 2 " " "	8	12.9
" " " " Middlesex " " "	46	12.8
<b>DEEP-WELL.</b>		
Kent Company's "New" Well at Deptford, May 17th	2	11.4



Dr. Hill, F.I.C., Medical Officer of Health for Birmingham, reports that the water supplied to that City was, on the May 15th, "clear and pale green in a two-foot tube."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that City from Loch Katrine was, on May 15th, "light brown in colour, and contained a little suspended matter."

I am, &c.,

E. FRANKLAND.

The Registrar-General, &c., &c.

CITIES AND BOROUGH.	POPULATION estimated at the middle of the Year 1891.*	Registered during the Week ending 10th June 1891.		Deaths of Persons aged 60 Years and upwards.		Deaths from								Deaths in Public Institutions.		From All Causes.		From Diseases in Cols. 6-12.		Mean.		RAINFALL.		CITIES AND BOROUGH.	
		BIRTHS.	DEATHS.	Infants under 1 Year of Age.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Untraced Causes of Death.	From All Causes.	From Diseases in Cols. 6-12.	High.	Lowest.	Fahrenheit.	Centigrade.	In Inches.	In Cent.		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Col.	
33 TOWNS	11,404,408	6627	3591	798	840	2	162	23	62	79	42	175	314	864	43	164	157	18	81.5	40.8	58.8	14.89	0.00	0.00	33 TOWNS.
LONDON	4,646,762	2445	1365	281	326	1	93	5	28	27	7	12	80	156	467	5	137	20	81.5	40.4	61.1	16.17	0.00	0.00	LONDON.
WEST HAM	300,241	180	62	18	13	1	2	1	3	2	2	-	7	10	1	108	17	81.0	47.8	60.4	15.78	0.00	0.00	WEST HAM.	
CROYDON	127,759	55	28	4	8	1	-	-	-	-	-	-	-	5	-	114	0.4	81.0	47.8	60.4	15.78	0.00	0.00	CROYDON.	
BRIGHTON	128,226	59	35	7	18	1	-	-	1	-	1	3	2	5	3	148	0.8	77.8	49.0	58.9	15.50	0.00	0.00	BRIGHTON.	
PORTSMOUTH	190,741	92	57	16	16	1	-	-	1	-	1	3	2	4	9	176	1.6	77.8	48.0	59.5	15.28	0.00	0.00	PORTSMOUTH.	
PLYMOUTH	100,637	56	34	9	7	-	-	-	3	-	-	-	3	5	10	20	2	79.8	41.0	58.9	15.50	0.00	0.00	PLYMOUTH.	
BRISTOL	320,911	175	90	26	27	6	1	-	-	-	-	2	3	6	8	1	137	0.8	-	-	-	-	-	BRISTOL.	
CARDIFF	185,826	109	49	20	6	-	-	-	1	-	-	-	4	4	2	181	40	-	-	-	-	-	-	CARDIFF.	
SWANSEA	103,722	54	36	7	8	-	-	1	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SWANSEA.	
WOLVERHAMPTON	88,821	49	25	4	9	-	-	-	-	-	-	-	-	4	-	147	0.6	79.1	40.8	58.8	14.89	0.00	0.00	WOLVERHAMPTON	
BIRMINGHAM	514,936	314	151	34	36	-	2	-	1	6	1	1	6	7	22	5	133	1.1	81.2	43.8	58.1	13.39	0.00	0.00	BIRMINGHAM
NORWICH	113,263	60	24	3	10	-	-	-	-	-	-	-	1	2	3	9	137	2.4	-	-	-	-	-	0.00	NORWICH.
LEICESTER	213,851	142	56	16	17	-	-	-	6	4	-	-	4	2	9	4	181	2.0	-	-	-	-	-	0.00	LEICESTER.
NOTTINGHAM	239,384	138	83	18	23	-	6	-	1	1	1	1	2	5	13	-	181	2.0	80.3	42.3	58.3	14.61	0.00	0.00	NOTTINGHAM.
DERBY	106,401	66	35	8	10	-	-	-	-	-	-	1	1	4	5	-	172	0.5	-	-	-	-	-	-	DERBY.
BIRKENHEAD	115,162	81	40	7	11	-	-	-	-	1	-	1	2	3	8	-	181	0.9	-	-	-	-	-	-	BIRKENHEAD.
LIVERPOOL	634,212	425	254	55	40	13	2	2	2	3	4	5	15	18	72	10	239	2.4	70.5	46.9	58.0	14.44	0.00	0.00	LIVERPOOL.
BOLTON	162,221	123	55	12	15	-	3	2	-	2	1	2	1	4	6	-	177	3.2	-	-	-	-	-	-	BOLTON.
MANCHESTER	543,402	396	239	53	38	23	1	4	2	4	2	5	8	18	48	-	229	3.4	-	-	-	-	-	-	MANCHESTER.
SALFORD	218,244	156	88	20	12	4	1	2	2	4	2	3	1	2	13	2	210	2.9	-	-	-	-	-	-	SALFORD.
OLDHAM	150,772	78	60	11	16	-	1	3	-	3	-	-	2	4	7	1	208	1.4	-	-	-	-	-	-	OLDHAM.
BURNLEY	113,081	52	31	6	5	-	1	1	-	1	-	1	3	3	6	3	177	0.8	-	-	-	-	-	-	BURNLEY.
BLACKBURN	135,154	77	46	12	5	-	1	-	1	-	-	-	2	3	6	3	177	0.8	-	-	-	-	-	-	BLACKBURN.
PRESTON	117,622	77	39	11	10	-	1	-	-	2	1	-	3	3	4	1	173	1.8	-	-	-	-	-	-	PRESTON.
HUDDESFIELD	103,464	57	30	4	8	-	-	-	-	3	-	-	-	1	4	-	151	1.5	78.5	42.2	57.6	14.22	0.00	0.00	HUDDESFIELD.
HALIFAX	97,721	40	36	8	17	-	-	-	-	-	-	-	-	1	4	13	1	192	0.5	-	-	-	-	-	HALIFAX.
BRADFORD	236,241	123	79	14	23	-	1	2	-	-	-	-	1	4	13	1	174	0.7	81.2	43.8	59.6	15.33	0.00	0.00	BRADFORD.
LEEDS	423,389	250	120	34	20	-	3	1	2	1	-	-	3	14	17	2	148	0.9	-	-	-	-	-	-	LEEDS.
SHEFFIELD	331,169	233	116	29	22	-	3	4	7	6	1	1	2	2	8	2	167	2.3	-	-	-	-	-	-	SHEFFIELD.
HULL	234,270	155	77	20	19	1	2	-	-	-	2	2	7	2	15	2	171	2.4	79.0	45.0	55.9	13.28	0.00	0.00	HULL.
SUNDERLAND	145,613	102	58	9	19	-	1	-	-	1	-	-	4	1	14	1	208	1.4	-	-	-	-	-	-	SUNDERLAND.
GATESHEAD	106,552	62	27	8	5	-	-	-	-	2	1	-	1	1	3	-	132	0.5	-	-	-	-	-	-	GATESHEAD.
NEWCASTLE	238,625	146	66	14	21	-	-	1	1	3	-	2	1	5	17	-	151	1.6	-	-	-	-	-	-	NEWCASTLE.

\* See note \* on first page of this return

TABLE 2. LONDON.—Births and Deaths Registered in the TWENTY-THIRD Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2523	2399	2698	2422	2582	2300	2333	2545	2314	2616	2605.3	2445
Males - -	1299	1231	1370	1223	1324	1147	1176	1307	1208	1385	1333.1	1206
Females - -	1224	1168	1328	1199	1258	1153	1157	1238	1106	1261	1272.2	1239
<b>TOTAL Deaths -</b>	1306	1393	1836	1428	1491	1398	1247	1467	1177	1411	1494.4	1365
Males - -	675	733	943	772	806	760	633	723	649	732	731.8	710
Females - -	631	660	893	656	685	633	614	744	528	679	712.6	655

\*The numbers in this column are the average weekly numbers in the twenty-third week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Mar. 18.	Mar. 25.	Apr. 1.	Apr. 8.	Apr. 15.	Apr. 22.	Apr. 29.	May 6.	May 13.	May 20.	May 27.	June 3.	June 10.
<b>TOTAL Births</b> - -	2613	2480	2609	2554	2875	2759	2693	2623	2574	2598	2306	2678	2445
<b>TOTAL Deaths</b> - - -	2099	2025	1922	1816	1624	1499	1478	1397	1428	1419	1361	1483	1365
<b>Ages at Death</b>													
(Under 1 year - -	376	370	377	341	320	317	325	277	285	277	296	281	281
1-5 years - -	273	272	224	203	195	186	195	165	196	170	174	168	218
5-20 " - -	106	89	90	89	79	82	87	84	72	77	73	92	79
20-40 " - -	238	230	212	227	225	200	172	202	206	219	166	211	197
40-60 " - -	436	423	380	367	341	303	289	282	282	314	295	351	264
60-90 " - -	518	514	494	464	378	322	321	305	320	297	289	310	269
(80 years and upwards	147	127	145	115	86	89	89	82	67	65	73	70	57
<b>Deaths from—</b>													
Small pox - - -	-	-	-	-	-	-	-	-	-	-	-	-	1
Measles - - -	35	33	37	29	34	51	45	36	49	51	61	67	93
Scarlet Fever - -	7	4	4	8	6	7	6	10	2	9	5	4	5
Diphtheria - - -	45	37	31	34	20	29	26	21	40	24	23	24	28
Whooping-cough -	73	90	57	58	54	47	54	47	39	39	34	33	27
Typhus - - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever - -	7	4	9	6	14	3	4	7	8	6	4	6	7
Simple Continued Fever	-	-	1	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery	8	11	7	11	4	7	10	12	9	12	10	13	12
Cholera - - -	-	-	-	-	1	-	-	-	-	-	-	-	-
<b>All the above Diseases</b> -	175	179	146	146	133	144	145	133	147	141	137	147	173
<b>Dis. of Respiratory System—</b>													
Phthisis - - -	565	604	505	470	343	277	294	251	257	257	256	240	216
Dis. of Circulatory System -	209	182	139	174	173	160	140	145	143	170	141	165	141
Violence - - -	198	181	195	132	147	140	114	145	148	137	134	169	110
Inquest Cases - - -	75	56	63	89	83	65	71	73	83	61	68	66	80
Deaths in Public Institutions -	184	163	155	189	156	152	137	131	166	141	139	152	156
	637	532	503	534	509	472	432	473	484	452	443	529	467
<b>TEMPERATURE OF THE AIR.</b>													
Mean - - -	49.5	50.2	50.1	48.9	48.9	48.4	50.1	46.4	50.9	54.4	49.5	58.4	61.1
Mean of Highest readings -	52.4	40.9	59.0	56.1	52.2	52.3	57.3	55.3	62.2	62.7	57.1	70.8	73.3
Mean of Lowest readings -	33.8	24.8	43.2	44.0	37.2	34.7	44.1	37.2	41.7	48.3	43.2	43.6	49.1
<b>Humidity of the Air</b> - -	87	68	77	77	80	75	76	67	75	75	78	60	64
<b>Rain-fall (in inches)</b> - -	0.00	0.11	0.37	0.49	1.27	0.43	0.79	0.00	0.01	0.97	0.66	0.00	0.00
<b>Registered Sunshine (in hours)</b>	19.7	31.3	19.5	25.3	21.9	26.5	17.8	49.7	43.0	33.9	29.3	95.9	72.1
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - - -	1	1	1	1	3	3	3	3	3	1	1	1	1
Scarlet Fever - - -	2437	2355	2322	2235	2126	2144	2131	2139	2210	2161	2201	2212	2269
Diphtheria - - -	1261	1200	1165	1126	1068	1034	997	1040	1065	1066	1111	1134	1159
Enteric Fever - - -	183	173	148	139	129	125	124	118	107	99	102	99	97

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.



TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-THIRD Week of the Year 1899.

CAUSE OF DEATH	Corrected Averages for the 23rd Week 1899-98.	In the Week ending Saturday, 10th June 1899.										CAUSES OF DEATH	Corrected Averages for the 23rd Week 1899-98.	In the Week ending Saturday, 10th June 1899.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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		0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	0-1.	1-5.	5-20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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the numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

For those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the death is not certified by a registered practitioner, the case is returned under the heading "no statement." Evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such causes are classed under "accident."

TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered in each SUB-DISTRICT during the Week ending Saturday, 10th June, 1899.

The DEATHS registered during the Week include																	
REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of													
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON -	4,411,710	2445	1365	281	326	1	93	5	28	27	-	7	-	12	80	156	467
WEST DISTRICTS	778,251	360	240	35	72	-	3	-	1	2	-	2	-	4	18	32	87
NORTH DISTRICTS	1,040,694	563	291	58	76	-	13	1	13	6	-	3	-	1	16	29	93
CENTRAL DISTRICTS	233,635	114	86	19	12	-	12	-	-	2	-	-	-	6	9	40	40
EAST DISTRICTS	716,334	455	237	56	39	-	34	1	-	8	-	1	-	3	16	36	75
SOUTH DISTRICTS	1,642,796	953	477	113	111	-	31	3	14	9	-	2	-	4	24	50	138
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*	-	-	34	-	16	1	-	-	-	-	-	-	-	-	-	-	34
WEST DISTRICTS.																	
St. Mary Paddington } G. & W.	90,906	50	27	3	10	-	-	-	-	-	-	-	-	-	2	4	8
WHH - - -																	
St. John Paddington H - - G.	33,510	8	15	-	6	-	-	-	-	-	-	-	-	-	3	3	7
Kensington Town Ww - - W.	122,164	58	36	5	15	-	1	-	-	-	-	1	-	-	3	5	15
Brompton HH- - - W & C.	48,301	11	6	1	2	-	-	-	-	-	-	-	-	-	-	-	2
North Hammersmith† H } W. & G.	44,638	30	11	3	5	-	-	-	-	-	-	-	-	-	1	2	-
South Hammersmith† H } W. & G.	58,561	19	17	-	6	-	-	-	-	-	-	-	-	-	1	2	5
Fulham Ww - - - W. & C.	113,781	70	43	13	12	-	1	-	1	1	-	-	-	4	1	3	12
Chelsea Kensal Town - C.	21,450	12	2	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Chelsea North WHHHHH - C.	42,057	28	18	1	2	-	-	-	-	-	-	-	-	-	-	1	12
Chelsea South HH - - - C.	33,139	21	12	2	2	-	-	-	-	-	-	-	-	-	3	2	1
May Fair W - - - G.	23,827	5	14	1	8	-	-	-	-	1	-	-	-	-	-	1	11
Belgrave WHHH - - - C.	56,140	20	20	2	2	-	-	-	-	-	-	1	-	-	4	4	9
St. John Westminster HH - C.	31,492	11	6	-	-	-	1	-	-	-	-	-	-	-	-	1	1
St. Margaret Westminster H- C.	22,097	4	9	2	2	-	-	-	-	-	-	-	-	-	-	3	3
St. James Westminster } N. & G.	23,050	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
WHH - - -																	
St. Anne Soho HHHHHH - N.	12,048	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1
NORTH DISTRICTS.																	
All Souls Marylebone } - W.	36,595	11	15	2	2	-	1	-	-	-	-	1	-	-	1	1	5
HHHHHHHHH - - -																	
Rectory Marylebone W } G. & W.	19,798	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1
St. Mary Marylebone } G. & W.	19,637	45	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
HHHH - - -																	
Christchurch Marylebone H - W	32,547	14	6	2	-	-	-	-	-	-	-	-	-	-	-	2	-
St. John Marylebone HHH W.	32,611	15	6	1	2	-	-	-	-	-	-	-	-	-	-	1	-
Hampstead } - N. & W.	75,449	31	25	5	4	-	2	1	6	-	-	-	-	-	1	1	10
WwHHHH - - -																	
Regent's Park Pancras HH - W.	37,341	21	6	1	2	-	-	-	-	1	-	-	-	-	-	-	-
Tottenham-court } - N. & W.	26,757	7	11	-	2	-	-	-	-	2	1	-	-	-	-	-	9
wHHHH - - -																	
Gray's Inn Lane HHH - - N.	29,426	14	10	2	2	-	1	-	-	1	-	-	-	-	1	4	1
Somers Town HH - - - N.	32,161	20	11	3	3	-	-	-	-	-	-	-	-	-	1	1	1
Camden Town WH - - - N.	16,669	19	16	3	7	-	1	-	-	-	-	-	-	-	1	1	11
Kentish Town WW - - - N.	98,410	51	32	7	8	-	2	-	-	1	-	-	-	-	1	3	10
Upper Holloway } - N.	98,273	48	35	3	14	-	1	-	-	-	-	-	-	-	1	1	18
WWWwHH - - -																	
Islington South-west H - N.	107,365	66	16	3	3	-	-	-	-	1	2	-	-	-	-	2	-
Islington South-east - - N.	66,549	37	15	7	3	-	1	-	-	-	-	-	-	-	-	2	-
Highbury HH - - - N.	64,577	32	7	1	2	-	1	-	-	-	-	-	-	-	1	1	-
Stoke Newington H - - N.	33,485	16	8	1	4	-	1	-	-	-	-	-	-	-	-	-	-
North Hackney - - - E. & N.		13	8	2	5	-	-	-	-	-	-	-	-	-	1	1	-
Central Hackney ww - - E. & N.		33	16	3	1	-	-	-	4	-	-	1	-	-	1	1	8
South-west Hackney HHH E. & N.	213,044	35	18	4	5	-	2	-	-	-	-	-	-	-	2	4	-
South-east Hackney WwH E. & N.		30	25	7	7	-	-	-	-	-	-	-	-	-	4	5	15

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there.  
 NAME. W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; L—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signify Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. Ne.  
 \* See note \* on second page of this Return.  
 † The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and were re-named North Hammersmith and South Hammersmith, respectively.

REGISTRATION SUB-DISTRICTS

The DEATHS registered during the Week include

Enumerated  
Population  
1896.

Total BIRTHS.

Total DEATHS

Deaths of	
Infants under 1 Year of Age.	persons aged 60 Years and upwards.
1890	1890
1891	1891
1892	1892
1893	1893
1894	1894
1895	1895
1896	1896
1897	1897
1898	1898
1899	1899
1900	1900

Small-box.

Measles.

Scarlet Fever

Оршлерга.

1

Enteric for

Simple C

100

## Violence

Inquest Cases.

Deaths in Public Institutions

Death

## ENTRAL DISTRICTS.

ge Bloomsbury	-	-	N.
s South	WH	-	N.
s North	H	-	N.

In-the-Fields H H N. & C.  
 W H H - - - - N.  
 Union Workhouse, Edmonton

1 w	HHHHHHH	-	-	N.
as	Clerkenwell	-	-	N.
	Clerkenwell	-	-	N.
	-street -	-	-	N.
	ad HHH	-	-	N.
	ross-street	-	-	N.
	ry -	-	-	N.
	Union	Workhouse,		
	am -	-	-	

Alph <i>H</i>	-	-	-	N. & E.
gate	-	-	-	N.
ulchre <i>WH</i>	-	-	-	N.
ows Barking	-	-	-	N.
Street <i>H</i>	-	-	-	N.
London Asylum, Stone	-	-	-	

### EAST DISTRICTS.

atch South	HL	-	E. & N.
New Town	w	-	N.
Old Town	-	-	N.
ston	WH	-	N. & E.

Green North	<i>H</i>	-	<i>E</i>
Green South	-	-	<i>E</i>
Green East	<i>WH</i>	-	<i>E</i>

Fields	-	-	-	E. & N
and New Town*			WH	- E
an's Fields*	-	-	-	- E

erge's North	-	-	-	E
n, St. George East			W	E

ell H	-	-	-	E. & N
f W	-	-	-	E
ouse	-	-	-	E

nd Old Town West	H	E
nd Old Town East	-	E
www		

-	-	-	-	E
ay	wwwH	-	-	E
WW	-	-	-	E

† Population in 1891, not included in the total population of the Central Districts or of London.  
te chapel Church Sub-District was abolished on 1st January 1890, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.





**C.—LONDON.—OUTER RING** (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 10th June, 1899.

REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													
					Deaths of				Deaths from									
					Infants under 1 Year of Age.	Persons aged 50 Years and upwards.			Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.
																		Uncertified Causes of Death.
<b>LONDON—OUTER RING</b>	368,749	1,422,063	1110	457	106	121			21	3	8	9	4	6	33	44	59	7
Carshalton <i>WHH</i>	12,228	26,108	16	4	1							1						
Epsom, part of* <i>WwHH</i>	10,423	12,508	17	7		3											4	
Godstone, part of* <i>W</i>	2,754	1,598																
Croydon <i>WwHHH</i>	20,851	128,699	64	34	4	10		1									5	
Mitcham <i>w</i>	11,697	23,072	15	5	1	2									1	1		
Wimbledon <i>HHH</i>	3,220	25,777	19	6		2							1			2	2	
Kingston <i>WH</i>		33,566	15	10	1	4								1	1	1	4	
Surbiton <i>H</i>		12,178	10	2		1												
Esher, part of* <i>HH</i>		11,080	8	4		1												
Hampton <i>HL</i>	4,565	18,252	22	7	3	2									2	2		
Richmond <i>WH</i>	2,160	25,389	10	6		3												
Mortlake <i>H</i>	2,823	16,159	9	4	1	1						1		1	1	1		
Bromley <i>HHH</i>	9,127	23,815	17	1	1													
Beckenham <i>H</i>	6,542	21,969	15	1														
Chislehurst, part of* <i>WHH</i>	14,307	20,372	16	7	2	2									2	2	4	
Bexley <i>HHH</i>	12,540	30,590	35	16	4	4									3	3	1	3
Dartford <i>WH, part of*</i>																		
Sunbury <i>w</i>	11,054	13,671	5	4										1		1		
Staines <i>WH</i>	13,277	13,221	8	2														
Hillingdon <i>WHH</i>	6,035	12,237	5	6	1	1						1	1			1	2	
Uxbridge	12,757	7,253	3															
Hayes <i>WH</i>	7,952	11,051	4															
Isleworth <i>WHH</i>	6,967	26,004	22	20	3	6		1									9	
Twickenham <i>HH</i>	2,415	16,027	9	6		3										2	2	
Brentford <i>HHHH</i>	4,318	37,777	18	20	2	7		4						1		1		
Chiswick	1,245	21,963	10	9	3	4							1		1	1		
Acton <i>WHH</i>	6,132	30,945	34	6	4	1										1		
Harrow <i>HHH</i>	13,809	15,715	11	3		1										1		
Edgware <i>HH</i>	6,994	3,844																
Willesden <i>HHH</i>	4,383	61,265	66	17	3	4								1	1	1		
Hendon <i>WH</i>	8,382	15,843	14	10	1	1		1							1	2	2	
South Mimms <i>HH</i>		6,367	2															
Barnet <i>WHH</i>	21,077	14,152	9	6		4										2	3	3
Finchley <i>HHH</i>	4,688	25,820	14	5	2	1											1	
Hornsey <i>HH</i>	3,039	61,097	42	12	3	3		1					1			1	1	
Tottenham <i>HH</i>	4,642	97,174	69	31	7	10							1			1	3	1
Edmonton <i>WwW</i>	7,489	36,351	34	18	5	5											1	1
Enfield <i>WwHH</i>	12,602	31,536	21	9		1		4	1									
Waltham Abbey	11,017	6,066	2	2														
Cheshunt <i>H</i>	8,480	9,620	10	3	1	2												1
Hatfield, part of* <i>W</i>	3,306	582	1															
Bushey <i>H</i>	9,331	7,737	4															
Watford <i>WH, part of*</i>																		
Stratford <i>H</i>		38,612	24	7	2	1						1						
Plaistow <i>WHHH</i>		53,030	69	21	7	3		1		2			1				2	
Canning Town <i>H</i>		54,750	53	21	7	4		1							6	6	2	1
Forest Gate <i>wH</i>		53,511	34	7	2	2		1										
East Ham <i>WHH</i>	3,266	32,713	67	20	9	3		5							1	1	3	
Leyton <i>WwWwH</i>	4,334	70,188	58	32	8	12					1	1	1	1			11	
Walthamstow <i>HHH</i>	6,501	57,350	53	25	14	2						1				2		
Chigwell, part of* <i>HHHH</i>	11,779	12,941	6															
Epping <i>WH, part of*</i>																		
Romford, part of* <i>WH</i>	6,556	4,324	5	2	1	1												
Ilford	8,493	10,913	19	7	1	2		2										
Barking Town, <i>H</i>	3,814	14,301	12	6	2													
Eastern Fever Hospital, Hackney.					1							1					1	
Middlesex County Asylum, Wandsworth.					4												4	
N. E. Fever Hospital, Tottenham.					1						1						1	

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warringham and Carley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in old sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for various Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 10th June, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhea.	Violence.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.		
GREATER LONDON	443,421	6,528,434	14.6	1.8	1822	387	447	1	114	8	36	36	11	18	113		
INNER LONDON -	74,672	4,546,752	15.7	2.0	1365	281	326	1	93	5	23	27	7	12	80		
OUTER RING -	368,749	1,981,682	12.0	1.3	457	106	121	-	21	3	8	9	4	6	33		

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	
EDINBURGH -	298,927	June	10	163	1.8	-	1	1	-	4	-	
GLASGOW -	733,903	"	10	468	1.8	-	24	4	1	4	4	
DUBLIN -	349,594	"	10	226	1.6	-	-	2	1	3	4	
CALCUTTA -	466,460	April	29	-	4.3	-	-	-	-	-	20.5	
BOMBAY -	821,764	May	16	151	10.1	8	41	?	?	?	36.4	
MADRAS -	452,618	April	28	334	3.0	1	4	?	?	?	44	
PARIS -	2,511,829	June	3	1058	1.7	-	30	6	4	15	8	
BRUSSELS -	651,011	"	3	242	1.5	-	2	-	1	-	-	
AMSTERDAM -	512,758	May	27	238	1.1	-	-	1	2	1	-	
ROTTERDAM -	311,301	"	27	209	1.4	-	-	-	1	1	-	
THE HAGUE -	196,325	"	27	124	1.7	-	-	-	1	1	-	
COPENHAGEN -	345,000	June	3	138	1.2	-	1	1	1	3	-	
STOCKHOLM -	283,550	May	27	155	1.1	-	4	-	6	-	-	
CHRISTIANIA -	263,337	June	3	147	1.6	-	-	-	-	2	-	
ST. PETERSBURG	1,132,677	May	27	571	2.6	1	12	10	10	6	25	
MOSCOW -	988,610	"	27	-	27.9	3	7	4	14	2	8	
BERLIN -	1,805,054	"	20	915	1.9	-	18	14	8	21	-	
HAMBURG -	675,351	June	3	-	2.0	-	1	-	2	1	1	
DRESDEN -	389,300	May	13	241	1.3	-	-	3	1	-	-	
BRESLAU -	406,012	June	3	-	1.7	-	-	2	-	-	-	
MUNICH -	445,000	May	27	283	2.1	-	-	-	2	3	1	
VIENNA -	1,606,629	June	3	904	2.2	-	25	4	6	4	2	
PRAGUE -	380,497	"	3	183	1.7	-	5	1	2	-	2	
BUDA-PESTH -	666,722	May	27	474	2.8	1	4	8	1	2	4	
TRIESTE -	165,913	"	20	89	2.6	-	-	2	-	4	1	
ROME -	500,610	"	20	-	-	-	-	-	-	-	-	
TURIN (10 days)	344,203	April	20	-	-	-	-	-	-	-	-	
VENICE -	169,883	May	20	64	7.8	-	4	-	1	-	2	
CAIRO -	570,062	April	15	-	-	-	-	-	-	-	-	
ALEXANDRIA -	319,766	"	15	-	-	-	-	-	-	-	-	
NEW YORK (including Brooklyn)	3,550,053	May	20	-	-	-	-	-	-	-	-	
PHILADELPHIA -	1,266,832	"	27	-	3.8	-	-	1	18	2	14	

\* Including deaths from croup.

† Including 77 deaths from plague in Calcutta and 272 in Bombay.

‡ Including 18 deaths from cholera in Calcutta and 1 in Bombay.



1899.

MONTH AND DAY

JUNE.		in.	lbs.	lbs.	lbs.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°</
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GENERAL REMARKS.

DATE.	ELECTRICITY.	Registered in hours.	Sun above horizon in hours.
JUNE.	(For explanation of symbols, see Note.)		
SUNDAY - 4	w. P. throughout -	11.7	16.3
MONDAY - 5	w. P. throughout -	10.0	16.4
TUESDAY - 6	w. P. throughout -	12.5	16.4
WEDNESDAY 7	w. P. throughout -	13.1	16.4
THURSDAY - 8	w. P. generally -	8.5	16.4
FRIDAY - 9	w. P. generally -	6.2	16.4
SATURDAY - 10	w. P. throughout -	10.1	16.5
No. of Col.	-	28	29

The results apply to the civil day, or from midnight to midnight. The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to sea level. Observations are usually taken at 9 A.M.; noon; 3 P.M., and 9 P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from a discussion of the observations made at Green which during the 50 years ending 1880, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875. The readings in columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined. The record of Electricity is derived from Thomson's self-registering Electrometer. This symbol employed are: - P. positive; N. negative; w. weak; m. moderate; s. strong; v. variable; 98 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 30.03 in. at the beginning of the week to 30.12 in. by 10 A.M. on the 6th; decreased to 30.06 in. by 5 P.M. on the same day; increased to 30.25 in. by 10 A.M. on the 8th; and decreased to 30.10 in. by the end of the week.

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1899.

# WEEKLY RETURN

## OF

### BIRTHS AND DEATHS IN LONDON

#### AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 24. 1899. VOL. LX.] WEEK ENDING SATURDAY, JUNE 17. [Price 1½d.

General Register Office, Somerset House,  
June 19th, 1899.

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 16·5 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	May 27.	June 3.	June 10.	June 17.		May 27.	June 3.	June 10.	June 17.
33 Great Towns	16·0	17·7	16·4	16·5	Leicester - -	14·6	15·6	13·7	15·6
Birkenhead -	12·7	15·4	18·1	15·8	Liverpool - -	20·8	24·3	20·9	20·6
Birmingham -	14·4	16·7	15·3	19·4	London - - -	15·7	17·0	15·7	15·1
Blackburn - -	15·4	19·7	17·7	17·0	Manchester - -	21·4	26·5	22·9	24·8
Bolton - - -	12·2	17·0	17·7	16·4	Newcastle-on-Tyne	16·9	17·8	15·1	15·5
Bradford - -	16·1	16·6	17·4	15·9	Norwich - - -	13·8	13·4	11·0	14·7
Brighton - -	13·5	8·5	14·8	11·4	Nottingham - -	17·4	15·5	18·1	17·4
Bristol - - -	13·3	14·8	14·6	17·2	Oldham - - -	20·1	22·1	20·8	16·6
Burnley - - -	15·2	21·2	14·3	21·7	Plymouth - - -	15·5	19·2	17·6	17·6
Cardiff - - -	11·2	11·5	13·7	9·3	Portsmouth - -	18·6	17·8	15·6	15·0
Croydon - - -	12·2	13·9	11·4	9·0	Preston - - -	21·3	22·6	17·3	15·1
Derby - - - -	15·2	15·7	17·2	13·7	Salford - - - -	17·4	20·5	21·0	22·0
Gateshead - -	10·8	17·1	13·2	19·6	Sheffield - - -	17·5	18·8	16·7	18·2
Halifax - - -	11·2	17·6	19·2	20·8	Sunderland - -	20·1	17·5	20·8	17·9
Huddersfield -	11·1	15·6	15·1	13·6	Swansea - - -	13·6	18·6	18·1	17·1
Hull - - - - -	17·6	17·4	17·1	16·5	West Ham - - -	10·4	10·2	10·8	11·8
Leeds - - - -	15·3	17·1	14·3	16·6	Wolverhampton -	18·2	22·9	14·7	14·1

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·2 in Liverpool and 2·8 in Manchester; from *scarlet fever*, 1·3 in Bradford; from *whooping-cough*, 1·0 in Plymouth and in Salford, 1·3 in Hull, and 1·5 in Gateshead. In none of the thirty-three towns did the death-rate from "*fever*" or from *diarrhœa* reach 1·0 per 1,000. The 83 deaths from *diphtheria* included 35 in London, 10 in Sheffield, 6 in Leicester, 5 in Swansea, 4 in Liverpool, and 4 in Leeds. One death from *small-pox* was registered in Liverpool and one in Hull, but not one in any other of the thirty-three towns.

#### LONDON.

In LONDON† 2571 BIRTHS and 1316 DEATHS were registered. Allowing for increase of population, the births were 92, and the deaths 142

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.  
† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.



below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 15·7, 17·0, and 15·7 in the preceding three weeks, fell again last week to 15·1. During the four weeks ending on Saturday last the death-rate averaged 15·9 per 1000, being 1·5 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1316 deaths included 64 from measles, 7 from scarlet fever, 35 from diphtheria, 35 from whooping-cough, 6 from enteric fever, 12 from diarrhoea and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 159 deaths were referred to these diseases, being 54 below the corrected average weekly number.

The deaths from *measles*, which had been 61, 67, and 93 in the preceding three weeks, fell again last week to 64, and were 9 below the corrected average; 9 cases belonged to Lambeth, 8 to Hackney, 7 to Greenwich, and 4 to Mile End Old Town sanitary areas. The deaths from *scarlet fever*, which had been 5, 4, and 5 in the preceding three weeks, were 7 last week, being 12 below the corrected average. The deaths from *diphtheria*, which had been 23, 24, and 28 in the preceding three weeks, further rose last week to 35, but were 4 below the corrected average; 4 cases belonged to Islington, 4 to Greenwich, and 3 to Poplar sanitary areas. The deaths from *whooping-cough*, which had been 34, 33, and 27 in the preceding three weeks, rose again to 35 last week, but were 8 below the corrected average; 6 cases belonged to St. Pancras, and 6 to Camberwell sanitary areas. The fatal cases of *enteric fever*, which had been 4, 6, and 7 in the preceding three weeks, were 6 last week, the corrected average being 8. The deaths from *diarrhoea*, which had been 10, 13, and 12 in the preceding three weeks, were 12 last week, and were 17 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 256, 240, and 216 in the preceding three weeks, further fell last week to 207, and were 17 below the corrected average. The deaths attributed directly to *influenza* numbered 13, having been 27, 24, and 18 in the preceding three weeks.

Different forms of violence caused 60 deaths, concerning all of which inquests were held. Of these 60 deaths, 9 were cases of suicide, and 1 of homicide, while the remaining 50 were attributed to accident or negligence. Four of these were referred to vehicles in the streets, 7 to drowning, 4 to burns and scalds, 3 to the effects of anæsthetics administered for surgical purposes, and 8 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2280 cases of scarlet fever, 1170 of diphtheria, and 98 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow :—Of small-pox, one case, against 0, 1, and 0; of scarlet fever, 262 cases, against 229, 260, and 278; of diphtheria, 171 cases, against 143, 145, and 173; and of enteric fever, 20 cases, against 19, 21, and 17.

#### GREATER LONDON.

In Greater London 3686 births and 1714 deaths were registered, corresponding to annual rates of 29·4 and 13·7 per 1000 of the estimated population. In the Outer Ring 16 deaths from measles, 1 from scarlet fever, 10 from diphtheria, 7 from whooping-cough, 2 from "fever," and 5 from diarrhoea were registered. Ten deaths from measles, 5 from diphtheria, and 5 from whooping-cough were registered in the West Ham district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·93 inches, and that of the Thermometer 56°·6; the latter being 2°·2 below the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 25 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 68·0 hours; no rain was measured during the week.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Small-pox, Scarlet Fever, Diphtheria, Enteric Fever, or Typhus respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

CITIES AND BOROUGH.	POPULATION estimated middle of the Year 1899.*	Registered during the Week ending 17th June 1899.		Deaths of		Deaths from								Deaths in Public Institutions.		per 1000, corresponding to the Week's Deaths.		RAINFALL.		CITIES AND BOROUGH.					
		BIRTHS.	DEATHS.	Persons aged 1 Year or 60 Years Age.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.		From All Causes.	From Diseases in Cols. 6-12.	In Inches.	In Cent.							
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.
33 TOWNS	11,404,408	6695	3607	823	834	2	142	25	83	91	25	48	133	261	881	37	165	19	80.4	36.2	56.0	13.33	0.00	9.00	33 TOWNS.
LONDON	4,546,752	2571	1316	299	312	-	64	7	35	35	6	12	60	124	436	7	151	18	77.1	42.1	56.6	13.67	0.00	0.00	LONDON.
WEST HAM	300,241	216	68	18	14	-	3	-	2	5	1	-	3	6	14	2	11.8	0.9	-	-	-	-	-	-	WEST HAM.
CROYDON	127,759	62	22	3	8	-	1	-	-	-	-	-	-	2	3	-	9.0	0.8	79.0	36.8	55.1	12.83	0.00	0.00	CROYDON.
BRIGHTON	123,226	52	27	2	9	-	-	-	-	-	-	-	-	1	3	7	11.4	-	70.0	45.0	54.7	12.61	0.00	0.00	BRIGHTON.
PORTSMOUTH	190,741	88	55	10	18	-	-	-	1	2	-	-	3	5	12	-	15.0	0.8	70.5	42.0	56.0	13.33	0.00	0.00	PORTSMOUTH.
PLYMOUTH	100,337	62	34	6	5	-	1	-	-	2	1	-	-	1	1	-	17.6	2.1	-	-	-	-	0.00	0.00	PLYMOUTH.
BRISTOL	320,911	205	106	31	25	-	2	-	1	1	1	1	6	12	16	1	17.2	0.8	78.0	39.5	57.5	14.17	0.00	0.00	BRISTOL.
CARDIFF	185,826	113	33	12	4	-	-	-	1	-	-	-	1	1	3	-	9.3	0.3	-	-	-	-	-	-	CARDIFF.
SWANSEA	103,722	68	34	10	9	-	-	-	5	1	-	-	-	-	-	-	17.1	3.0	-	-	-	-	-	-	SWANSEA.
WOLVERHAMPTON	88,821	59	24	5	6	-	-	-	1	-	1	1	1	2	5	-	14.1	2.3	76.2	39.1	57.3	14.06	0.00	0.00	WOLVERHAMPTON.
BIRMINGHAM	514,956	340	192	44	52	-	3	-	2	2	2	2	5	6	59	6	19.4	1.1	-	-	-	-	0.01	0.03	BIRMINGHAM.
NORWICH	113,266	53	32	10	11	-	-	-	1	1	1	-	2	5	4	-	14.7	1.8	70.0	40.0	53.6	12.00	0.00	0.00	NORWICH.
LEICESTER	213,851	121	64	15	14	-	1	-	6	3	-	-	1	5	5	2	15.6	2.7	-	-	-	-	0.00	0.00	LEICESTER.
NOTTINGHAM	239,384	141	80	16	27	-	3	2	-	-	1	1	2	6	16	-	17.4	1.5	74.1	36.2	55.3	12.94	0.00	0.00	NOTTINGHAM.
DERBY	106,401	55	28	4	9	-	-	-	2	-	-	-	2	2	6	-	13.7	1.0	-	-	-	-	-	-	DERBY.
BIRKENHEAD	115,162	67	35	7	6	-	1	-	1	1	2	1	1	3	8	-	15.8	2.7	-	-	-	-	-	-	BIRKENHEAD.
LIVERPOOL	634,212	432	251	46	56	1	15	3	4	5	1	5	8	13	69	5	20.6	2.8	80.4	47.0	58.2	14.56	0.00	0.00	LIVERPOOL.
BOLTON	162,221	109	51	10	14	-	1	-	-	-	-	-	3	4	12	1	16.4	0.3	-	-	-	-	-	-	BOLTON.
MANCHESTER	543,002	348	259	67	39	-	29	-	-	8	-	-	6	5	12	54	1	24.8	4.1	-	-	-	-	-	MANCHESTER.
SALFORD	218,244	144	92	24	14	-	3	-	1	4	1	2	3	5	13	-	22.0	2.6	-	-	-	-	-	-	SALFORD.
OLDHAM	150,772	79	48	6	11	-	1	-	-	-	-	-	2	3	8	1	16.6	0.3	-	-	-	-	-	-	OLDHAM.
BURNLEY	113,081	51	47	14	3	-	1	2	1	1	-	2	2	4	3	1	21.7	3.2	-	-	-	-	-	-	BURNLEY.
BLACKBURN	135,154	68	44	7	14	-	1	-	1	1	-	-	2	4	4	-	17.0	1.2	-	-	-	-	-	-	BLACKBURN.
PRESTON	117,622	65	34	8	5	-	-	-	2	1	1	1	1	1	1	2	15.1	2.2	-	-	-	-	-	-	PRESTON.
HUDDERSFIELD	103,464	37	27	5	9	-	-	-	-	1	-	-	-	-	6	-	13.6	0.5	77.0	41.3	56.6	13.67	0.00	0.00	HUDDERSFIELD.
HALEFAX	97,721	49	39	5	16	-	1	-	1	-	-	-	1	1	4	5	20.8	1.1	-	-	-	-	0.00	0.00	HALEFAX.
BRADFORD	236,241	106	72	11	20	-	-	-	6	1	2	1	2	6	22	-	15.9	2.4	77.8	44.0	57.6	14.22	0.00	0.00	BRADFORD.
LEEDS	423,389	237	135	30	29	-	3	-	4	3	2	2	3	9	15	-	16.6	1.8	-	-	-	-	-	-	LEEDS.
SHEFFIELD	361,169	229	126	24	24	-	6	2	10	3	2	2	2	6	25	3	18.2	3.3	-	-	-	-	-	-	SHEFFIELD.
HULL	234,270	144	74	22	18	1	-	-	-	6	1	3	2	6	13	-	16.5	2.4	72.0	37.0	53.4	11.89	0.00	0.00	HULL.
SUNDERLAND	145,613	106	50	11	12	-	1	-	-	-	1	1	2	2	11	1	17.9	0.7	-	-	-	-	-	-	SUNDERLAND.
GATESHEAD	106,552	81	40	15	6	-	-	-	-	3	1	1	2	2	4	-	19.6	2.4	-	-	-	-	-	-	GATESHEAD.
NEWCASTLE	228,625	137	68	24	15	-	1	-	-	3	1	-	1	2	17	-	15.5	1.1	-	-	-	-	-	-	NEWCASTLE.

\* See note \* on first page of this return



TABLE 2. LONDON.—Births and Deaths Registered in the TWENTY-FOURTH Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2396	2477	2485	2803	2474	2436	2678	2482	2546	2532	2662.8	2571
Males - -	1201	1298	1296	1475	1272	1182	1397	1290	1310	1261	1365.8	1311
Females - -	1195	1179	1189	1328	1202	1254	1281	1192	1236	1271	1297.0	1260
<b>TOTAL Deaths</b>	1247	1375	1865	1402	1581	1336	1213	1397	1248	1193	1457.9	1316
Males - -	635	721	945	769	829	690	637	745	637	629	761.4	707
Females - -	612	654	920	633	752	646	576	652	611	564	696.5	609

\*The numbers in this column are the average weekly numbers in the twenty-fourth week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Mar. 25.	Apr. 1.	Apr. 8.	Apr. 15.	Apr. 22.	Apr. 29.	May 6.	May 13.	May 20.	May 27.	June 3.	June 10.	June 17.			
<b>TOTAL Births</b>	-	-	2480	2608	2554	2875	2759	2693	2623	2574	2598	2306	2678	2445	2571	
<b>TOTAL Deaths</b>	-	-	2025	1922	1816	1624	1499	1478	1397	1428	1419	1368	1483	1365	1316	
<b>Ages at Death</b>	Under 1 year	-	-	370	377	341	320	317	325	277	285	277	296	281	281	299
	1-5 years	-	-	272	224	203	195	186	195	165	196	170	174	168	218	173
	5-20 "	-	-	89	90	99	79	82	87	84	72	77	73	92	79	71
	20-40 "	-	-	230	212	227	225	200	172	202	206	219	166	211	197	171
	40-60 "	-	-	423	380	367	341	303	289	282	282	314	295	351	264	290
	60-90 "	-	-	514	494	464	378	322	321	305	320	297	289	310	269	260
(80 years and upwards	-	-	127	145	115	86	89	89	82	67	65	73	70	57	52	52
<b>Deaths from—</b>																
Small pox	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Measles	-	-	33	37	29	34	51	45	36	49	51	61	67	93	64	7
Scarlet Fever	-	-	4	4	8	6	7	6	10	2	9	5	4	5	7	5
Diphtheria	-	-	37	31	34	20	29	26	21	40	24	23	24	28	35	7
Whooping-cough	-	-	90	57	58	54	47	54	47	39	39	34	33	27	35	-
Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever	-	-	4	9	6	14	3	4	7	8	6	4	6	7	6	-
Simple Continued Fever	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery	-	-	11	7	11	4	7	10	12	9	12	10	13	12	12	-
Cholera	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
<b>All the above Diseases</b>	-	-	179	146	146	133	144	145	133	147	141	137	147	173	159	-
<b>Dis. of Respiratory System—</b>	-	-	604	505	470	343	277	294	251	257	257	256	240	216	207	-
Phthisis	-	-	182	139	174	173	160	140	145	143	170	141	165	141	133	-
Dis. of Circulatory System—	-	-	181	195	152	147	140	114	145	148	137	134	169	110	125	-
Violence	-	-	56	63	89	83	65	71	73	83	64	68	66	80	60	-
Inquest Cases	-	-	163	155	189	156	152	137	131	165	141	139	152	156	124	-
Deaths in Public Institutions—	-	-	532	503	534	509	472	432	473	484	452	443	529	467	436	-
<b>TEMPERATURE OF THE AIR.</b>																
Mean	-	-	32.2	50.1	48.9	43.9	43.4	50.1	46.4	50.9	54.4	49.5	58.4	61.1	56.3	-
Mean of Highest readings	-	-	40.9	59.0	56.1	52.2	52.3	57.3	55.3	62.2	62.7	57.1	70.8	73.3	69.3	-
Mean of Lowest readings	-	-	24.8	43.2	44.0	37.2	34.7	44.1	37.2	41.7	48.3	43.2	43.6	49.1	45.1	-
<b>Humidity of the Air</b>	-	-	68	77	77	80	75	76	87	75	75	78	60	64	67	-
<b>Rain-fall (in inches)</b>	-	-	0.11	0.37	0.49	1.27	0.43	0.79	0.00	0.01	0.97	0.66	0.00	0.00	0.00	-
<b>Registered Sunshine (in hours)</b>	-	-	31.3	19.5	25.3	21.9	26.5	17.8	49.7	43.0	33.9	29.3	95.9	72.1	68.0	-
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>																
Small-pox	-	-	1	1	1	3	3	3	1	-	1	1	1	1	1	-
Scarlet Fever	-	-	2355	2322	2235	2126	2144	2131	2159	2210	2161	2201	2212	2269	2280	-
Diphtheria	-	-	1200	1165	1126	1068	1034	997	1040	1065	1066	1111	1134	1159	1170	-
Enteric Fever	-	-	173	148	139	129	125	124	118	107	99	102	99	97	98	-

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M. Inst. C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M. Inst. C.E., Bradford; and Mr. E. Peak, Hull.



## Deaths from Different Causes.

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TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-FOURTH Week of the Year 1899.

CAUSES OF DEATH		Corrected Averages for the 24th Week of 1899-98.	In the Week ending Saturday, 17th June 1899.										Corrected Averages for the 24th Week of 1899-98.	In the Week ending Saturday, 17th June 1899.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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CAUSES		1457.9	1316	299	173	71	171	290	260	52																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

Numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical practitioners. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of murder, manslaughter or suicide. All such causes are classed under "accident."

TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered in the SUB-DISTRICT during the Week ending Saturday, 17th June, 1899.

		The DEATHS registered during the Week include																		
REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total Births.	Total Deaths.	Deaths of		Deaths from													Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Continued Simple Fever.	Diarrhoea.	Violence.					
LONDON -	4,411,710	2571	1316	299	312	-	64	7	35	35	-	6	-	12	60	124	436			
WEST DISTRICTS	778,251	370	217	37	61	-	5	2	1	4	-	2	-	2	11	17	82			
NORTH DISTRICTS	1,040,694	599	294	69	71	-	15	1	12	9	-	1	-	2	15	25	95			
CENTRAL DISTRICTS	233,635	114	77	19	11	-	4	-	-	-	-	-	-	1	2	5	33			
EAST DISTRICTS	716,334	491	256	78	49	-	15	-	3	5	-	12	-	3	16	43	97			
SOUTH DISTRICTS	1,642,796	997	447	96	109	-	25	3	18	17	-	-	-	4	16	33	104			
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*	-	-	25	-	11	-	-	1	-	-	-	-	-	-	-	1	25			
WEST DISTRICTS.																				
St. Mary Paddington } G. & W.	90,996	49	21	4	5	-	-	-	-	1	-	-	-	1	1	2	5			
WHH																				
St. John Paddington H - - G.	33,510	7	11	1	5	-	-	-	-	-	-	1	-	-	-	-	5			
Kensington Town Ww - - W.	122,164	58	42	7	15	-	-	-	-	2	-	-	-	-	2	5	24			
Brompton HH - - W. & C.	48,301	13	7	1	2	-	-	-	-	-	-	-	-	-	1	1	1			
North Hammersmith H } W. & G. }	44,638	33	13	6	2	-	-	-	-	1	-	1	-	1	-	-	3			
South Hammersmith H } W. & C. }	59,561	35	16	1	5	-	-	-	-	-	-	-	-	-	-	1	3			
Fulham Ww - - W. & C.	113,781	80	42	7	8	-	2	2	1	-	-	-	-	-	1	2	15			
Chelsea Kensal Town - C.	21,450	12	4	-	1	-	-	-	-	-	-	-	-	-	-	-	6			
Chelsea North WHHHHH - C.	42,057	19	12	-	5	-	-	-	-	-	-	-	-	-	1	1	5			
Chelsea South HH - - C.	33,139	16	12	3	3	-	-	-	-	-	-	-	-	-	-	-	2			
May Fair W - - G.	23,827	1	6	-	4	-	-	-	-	-	-	-	-	-	-	-	6			
Belgrave WHHH - - C.	56,140	14	17	2	4	-	2	-	-	-	-	-	-	-	3	3	10			
St. John Westminster HH - C.	31,492	18	4	2	-	-	1	-	-	-	-	-	-	-	1	1	-			
St. Margaret Westminster H- C.	22,097	4	8	3	2	-	-	-	-	-	-	-	-	-	1	1	6			
St. James Westminster } N. & G.	23,050	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WHH																				
St. Anne Soho HHHHHH - N.	12,048	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NORTH DISTRICTS.																				
All Souls Marylebone } - W.	36,595	19	12	3	2	-	-	-	1	-	-	-	-	-	3	3	8			
HHHHHHHHH																				
Rectory Marylebone W } G. & W.	19,798	10	5	1	1	-	2	-	-	-	-	-	-	-	-	-	1			
St. Mary Marylebone } G. & W.	19,637	34	8	4	1	-	-	-	-	-	-	-	-	-	1	1	2			
HHHH																				
Christchurch Marylebone H - W	32,547	9	5	-	2	-	-	-	-	-	-	-	-	-	1	1	-			
St. John Marylebone HHH W.	32,611	17	6	1	1	-	-	-	1	-	-	-	-	-	-	-	-			
Hampstead } - N. & W.	75,449	45	31	4	6	-	-	1	2	-	-	-	-	-	-	1	11			
WwHHHH																				
Regent's Park Pancras HH - W.	37,341	19	5	-	2	-	-	-	-	-	-	-	-	-	-	1	1			
Tottenham-court } - N. & W.	26,757	11	10	-	3	-	-	-	-	1	-	-	-	-	-	-	8			
wHHHH																				
Gray's Inn Lane HHH - - N.	29,426	13	12	2	3	-	-	-	-	-	-	-	-	-	1	1	7			
Somers Town HH - - N.	32,161	21	5	4	-	-	-	-	-	1	-	-	-	-	-	-	2			
Camden Town WH - - N.	16,669	11	14	-	7	-	-	-	-	-	-	-	-	-	4	5	7			
Kentish Town WW - - N.	98,410	59	19	6	5	-	2	-	-	4	-	-	-	-	-	2	2			
Upper Holloway } - - N.	98,273	47	39	12	8	-	1	-	2	2	-	-	-	1	1	2	21			
WWWwHH																				
Islington South-west H - N.	107,365	46	34	11	10	-	1	-	-	1	-	-	-	-	2	5	-			
Islington South-east - - N.	66,549	34	15	3	5	-	-	-	-	-	-	-	-	-	-	-	-			
Highbury HH - - N.	64,577	39	8	2	3	-	-	-	-	-	-	-	-	-	-	-	1			
Stoke Newington H - - N.	33,485	18	6	1	1	-	1	-	-	-	-	1	-	-	-	1	-			
North Hackney - - E. & N.		22	7	4	-	-	1	-	-	-	-	-	-	-	1	-	-			
Central Hackney ww - E. & N.		35	15	4	2	-	1	-	6	-	-	-	-	-	-	-	8			
South-west Hackney HHH E. & N.	213,044	44	18	4	3	-	4	-	-	-	-	-	-	-	2	2	6			
South-east Hackney WwH E. & N.		46	20	3	6	-	2	-	-	-	-	-	-	-	-	-	11			

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein: namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other Districts than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers received. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G, sign Grand Junction Company; W, West Middlesex; C, Chelsea; S, Southwark and Vauxhall; L, Lambeth N. River; E, East London; and K, the Kent Company.

\* See note on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and re-named North Hammersmith and South Hammersmith, respectively.





						The DEATHS registered during the Week include											
REGISTRATION SUB-DISTRICTS	Enume- rated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from							Inquest Cases.	Deaths in Public Institutions			
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.			Simple Continued Fever.	Diarrhoea.	Violence.
<b>SOUTH DISTRICTS.</b>																	
Christchurch Southwark WHL & S.	13,064	8	-	3	1	-	1	-	-	-	-	-	-	-			
St. Saviour Southwark - - S.	12,301	9	-	6	3	-	-	-	-	-	-	-	-	-			
Kent-road - - S. & L.	22,879	19	-	5	3	-	-	-	-	-	-	-	-	-			
Borough-road WH - - S. & L.	16,083	18	-	8	3	-	1	-	-	-	-	-	-	-			
London-road HL - - L. & S.	21,316	22	-	4	3	-	-	-	1	-	-	-	-	-			
Trinity Newington - - S. & L.	28,723	13	-	3	1	-	-	-	-	-	-	-	-	-			
St. Peter Walworth W - - S. & L.	62,045	39	-	16	5	-	1	-	-	-	-	-	-	-			
St. Mary Newington - - L. & S.	30,171	28	-	5	1	-	-	-	-	-	-	-	-	-			
St. Olave WH - - - S.	11,731	7	14	1	4	-	-	-	-	-	-	-	-	-			
Bermondsey W - - S.	85,475	63	24	11	6	-	-	-	-	-	-	-	-	-			
Rotherhithe WWH - - S. & K.	40,379	16	17	1	6	-	-	-	1	3	-	-	-	-			
Waterloo-road HH - - L. & S.	28,396	30	5	1	-	-	1	-	-	-	-	-	-	-			
Lambeth Church 1st H - - L. & S.	18,770	8	13	1	-	-	1	-	-	-	-	-	-	-			
Lambeth Church 2nd WW - - L. & S.	40,994	43	20	3	5	-	2	-	-	-	-	-	-	-			
Kennington 1st H - - S. & L.	52,486	34	6	2	2	-	2	-	2	-	-	-	-	-			
Kennington 2nd - - S. & L.	43,244	21	12	4	3	-	1	-	-	-	-	-	-	-			
Brixton w - - L. & S.	81,825	43	16	1	-	-	-	-	-	-	-	-	-	-			
Norwood WH - - - L.	29,318	10	4	-	2	-	-	-	1	-	-	-	-	-			
East Battersea - - - S.	71,730	49	15	7	3	-	-	-	-	1	-	-	-	-			
West Battersea WH - - S.	93,385	50	20	2	5	-	-	-	-	-	-	-	-	-			
Clapham H - - S.	46,953	30	9	2	4	-	-	-	-	1	-	-	-	-			
Wandsworth WHHL - - S.	58,101	32	19	8	6	-	-	-	-	-	-	-	-	-			
Putney - - S.	20,566	10	4	1	1	-	-	-	2	-	-	-	-	-			
Streatham WWWL - - L.	61,644	32	18	4	4	-	-	-	3	-	-	-	-	-			
Dulwich - - L. & S.	7,519	2	2	1	-	-	-	-	-	-	-	-	-	-			
Camberwell WWL - - S. & L.	90,286	39	27	2	10	-	-	-	-	-	-	-	-	-			
Peckham WW - - S., L. & K.	88,242	41	17	3	4	-	1	-	-	2	-	-	-	-			
St. George Camberwell - - L. & S.	67,029	41	16	3	2	-	2	-	-	4	-	-	-	-			
Deptford North - - K.	36,152	22	13	5	3	-	3	-	1	-	-	-	-	-			
Deptford Central w - - K.	45,441	25	21	6	1	-	1	-	5	-	-	-	-	-			
Deptford South - - K.	33,402	18	11	1	2	-	2	-	1	-	-	-	-	-			
Greenwich West H - - K.	23,012	8	4	1	-	-	-	-	-	-	-	-	-	-			
Greenwich East WH - - K.	37,767	28	18	2	8	-											

6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES (HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 17th June, 1899.

The DEATHS registered in the Week include																		
REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	Deaths of													
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.	
LONDON—OUTER RING	368,749	1,422,063	1115	398	88	124	-	16	1	10	7	2	5	21	36	43	4	
Carshalton <i>WHH</i>	12,228	26,108	11	8	1	4	-	-	-	-	-	-	-	1	1	-	-	
Epsom, <i>part of</i> * <i>WwHH</i>	10,423	12,508	6	2	-	2	-	-	-	-	-	-	-	-	-	1	-	
Godstone, <i>part of</i> * <i>W</i>	2,754	1,598	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Croydon <i>WwHHH</i>	20,851	128,699	74	25	5	9	-	1	-	-	1	-	-	1	2	3	-	
Mitcham <i>w</i>	11,697	23,072	14	5	1	2	-	-	-	-	-	-	-	-	-	-	-	
Wimbledon <i>HHH</i>	3,220	25,777	20	5	-	3	-	-	-	-	-	-	-	1	1	-	-	
Kingston <i>WH</i>	-	33,566	28	12	2	4	-	-	-	-	-	-	-	3	5	6	-	
Surbiton <i>H</i>	-	12,178	9	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
Esher, <i>part of</i> * <i>HH</i>	-	11,080	6	2	-	1	-	-	-	-	-	-	-	-	1	-	-	
Hampton <i>HL</i>	4,565	18,252	8	8	-	6	-	-	-	-	-	-	-	1	1	-	-	
Richmond <i>WH</i>	2,160	25,389	13	3	-	2	-	-	-	-	-	-	-	-	-	-	1	
Mortlake <i>H</i>	2,823	16,150	5	3	-	3	-	-	-	-	-	-	-	-	-	-	-	
Bromley <i>HHH</i>	9,127	23,815	14	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
Beckenham <i>H</i>	6,542	21,969	16	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chislehurst, <i>part of</i> * <i>WHH</i>	14,307	20,372	14	3	1	1	-	-	-	-	-	-	-	-	-	-	1	
Bexley <i>HHH</i>	12,540	30,590	25	10	1	3	-	-	-	2	-	-	-	1	1	1	-	
Dartford <i>WH, part of</i> *	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	
Sunbury <i>w</i>	11,054	13,671	15	3	-	1	-	-	-	-	-	-	-	-	1	-	-	
Staines <i>WH</i>	13,277	13,221	7	5	1	1	-	-	-	2	-	-	-	-	-	-	-	
Hillingdon <i>WHH</i>	6,035	12,237	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
Uxbridge	12,757	7,253	9	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
Hayes <i>WH</i>	7,952	11,051	8	3	2	-	-	-	-	-	1	-	1	-	-	1	-	
Isleworth <i>WHH</i>	6,967	26,004	9	10	1	4	-	-	-	-	-	-	-	1	2	3	-	
Twickenham <i>HH</i>	2,415	16,027	12	3	1	1	-	-	-	-	-	-	-	-	-	-	-	
Brentford <i>HHHH</i>	4,318	37,777	20	7	1	2	-	1	-	-	-	-	-	1	1	1	-	
Chiswick	1,245	21,963	17	4	2	-	-	-	-	-	-	-	-	2	2	-	-	
Acton <i>WHH</i>	6,132	30,945	23	12	4	2	-	-	-	-	-	-	1	-	-	1	-	
Harrow <i>HHH</i>	13,809	15,715	12	4	2	2	-	-	-	-	-	-	-	-	-	-	-	
Edgware <i>HH</i>	6,994	3,844	1	2	-	1	-	-	-	-	-	-	-	1	1	-	-	
Willesden <i>HHH</i>	4,383	61,265	58	24	12	3	-	-	-	1	-	-	-	1	2	-	-	
Hendon <i>WH</i>	8,382	15,843	17	4	2	1	-	-	-	-	-	-	-	-	-	-	-	
South Mimms <i>HH</i>	-	6,367	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
Barnet <i>WHH</i>	21,077	14,152	8	5	-	3	-	-	-	-	-	-	-	-	-	2	-	
Finchley <i>HHH</i>	4,688	25,820	18	7	-	3	-	-	-	-	-	-	-	-	-	1	-	
Hornsey <i>HH</i>	3,039	61,097	39	11	3	4	-	1	-	-	-	-	1	-	-	-	-	
Tottenham <i>HH</i>	4,442	97,174	84	30	5	8	-	-	-	-	-	-	1	2	4	-	-	
Edmonton <i>WwW</i>	7,489	36,351	24	10	3	4	-	-	1	-	-	-	1	2	-	-	-	
Enfield <i>WWHH</i>	12,602	31,536	19	10	3	4	-	3	-	-	-	-	-	1	1	2	-	
Waltham Abbey	11,017	6,066	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cheshunt <i>H</i>	8,480	9,620	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Hatfield, <i>part of</i> * <i>W</i>	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bushey <i>H</i>	9,331	7,737	1	3	-	2	-	-	-	-	-	-	-	-	-	-	-	
Watford <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Stratford <i>H</i>	-	38,612	51	9	3	1	-	-	-	-	1	-	-	1	1	1	1	
Plaistow <i>WHHH</i>	-	59,030	71	22	10	3	-	1	-	2	2	-	-	-	4	1	-	
Canning Town <i>H</i>	-	54,750	56	17	2	3	-	-	-	-	2	-	-	2	4	2	-	
Forest Gate <i>w</i>	-	53,511	38	13	2	4	-	2	-	-	-	-	-	-	1	-	-	
East Ham <i>WHH</i>	3,266	32,713	52	21	7	2	-	7	-	-	-	-	-	1	2	-	-	
Leyton <i>WWWwH</i>	4,334	70,188	45	30	7	11	-	-	-	1	-	1	-	-	2	12	-	
Walthamstow <i>HHL</i>	6,501	57,330	68	9	2	3	-	-	-	3	-	-	-	-	1	-	-	
Chigwell, <i>part of</i> * <i>HHHH</i>	11,779	12,941	13	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
Epping <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Romford, <i>part of</i> * <i>WH</i>	6,556	4,324	5	3	1	1	-	-	-	-	-	-	-	-	-	2	-	
Ilford	8,493	10,913	16	4	-	1	-	-	-	-	-	-	-	-	-	-	-	
Barking Town, <i>H</i>	3,814	14,301	13	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
Middlesex County Asylum, Wandsworth.	-	-	-	3	-	1	-	-	-	-	-	-	-	-	-	3	-	

parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warringham and Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,189); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 17th June, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include									
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from							
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
GREATER LONDON	443,421	6,528,434	13·7	1·6	1714	387	436	-	80	8	45	42	8	17	81
INNER LONDON -	74,672	4,546,752	15·1	1·8	1316	299	312	-	64	7	35	35	6	12	60
OUTER RING -	368,749	1,981,682	10·5	1·1	398	88	124	-	16	1	10	7	2	5	21

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.					
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.
EDINBURGH -	298,927	June 17	170	98	17·1	-	1	3	1	1	1
GLASGOW -	733,903	" 17	505	243	17·6	1	10	5	2	6	3
DUBLIN -	349,594	" 17	217	144	21·5	-	1	1	-	4	1
CALCUTTA -	466,460	May 6	-	359	40·0	-	-	-	-	-	142†
BOMBAY -	821,764	" 23	120	866	54·8	11	34	?	?	?	271†
MADRAS -	452,518	" 5	373	274	31·4	1	4	?	?	?	51
PARIS -	2,511,629	June 10	1029	1013	20·9	-	40	7	13*	7	14
BRUSSELS -	551,011	" 10	258	171	15·1	-	4	-	4*	-	3
AMSTERDAM -	512,768	" 3	274	144	14·6	-	-	-	3	2	-
ROTTERDAM -	311,301	" 3	233	90	14·9	-	-	1	-	2	-
THE HAGUE -	196,325	" 3	124	59	15·4	-	-	-	-	-	-
COPENHAGEN -	345,000	" 10	227	122	18·4	-	2	1	2	1	1
STOCKHOLM -	283,550	" 3	161	121	22·2	-	5	-	8*	-	-
CHRISTIANIA -	293,337	" 10	152	81	19·1	-	-	-	-	-	-
ST. PETERSBURG -	1,132,677	" 3	658	526	24·2	5	15	10	13	2	24
MOSCOW -	988,610	" 3	-	534	28·2	7	7	8	13	-	4
BERLIN -	1,805,054	May 27	902	601	17·2	-	12	15	7	13	1
HAMBURG -	675,351	June 10	-	262	20·2	-	-	-	2*	4	2
DRESDEN -	389,300	May 20	287	150	19·9	-	-	-	2*	2	-
BRESLAU -	406,012	June 10	-	180	23·1	-	-	3	1	1	-
MUNICH -	445,000	" 3	328	233	27·2	-	-	1	-	4	-
VIENNA -	1,606,629	" 10	870	655	21·0	-	18	6	8*	3	1
PRAGUE -	380,497	" 10	196	189	25·6	-	5	1	1	1	2
BUDA-PESTH -	666,722	" 3	500	271	21·1	-	6	5	3	1	4
TRIESTE -	165,913	May 27	109	97	30·3	-	-	9	1*	1	-
ROME -	500,610	" 20	225	140	14·6	-	-	-	-	2	2
TURIN (10 days) -	344,203	April 20	187	206	21·8	-	1	1	2	6	-
VENICE -	169,883	May 27	87	75	23·0	-	2	-	-	-	1
CAIRO -	570,062	April 15	-	-	-	-	-	-	-	-	-
ALEXANDRIA -	319,766	" 15	-	-	-	3	-	-	-	-	-
NEW YORK (including BROOKLYN) -	3,550,053	May 27	1162	1151	16·9	3	16	17	31	1	4
PHILADELPHIA -	1,266,832	" 27	-	384	15·8	-	-	1	18	2	14

\* Including deaths from croup.

† Including 61 deaths from plague in Calcutta and 174 in Bombay.



1899.		Phases of the Moon.	Mean reading (cor- rected and re- duced to 32° of Fahren- heit).	Of the Air.				Of the Dew point.		Of the Air Temperature and Dew Point Temperature.		Of Radiation.		Of the Earth's Surface.		General Direction.		Pressure on the Square Foot.		Robinson's.		Gauge in a receiving cistern above the ground.			
MONTH AND DAY				High- est.	Low- est.	Daily Range.	Mean value.	De- fere from Average of 50 years.	Mean value.	Great- est.	Least.	Highest Sun's Rays.	Lowest Sun's Grass.	A.M.	P.M.	Great- est.	Least.	Horizontal Movement of the Air on each Day.	Depart- ure from Average of 10 years.						
JUNE.																									
SUNDAY	- 11	..	30.063	63.1	45.2	17.9	52.6	- 5.8	49.4	3.2	12.4	0.4	58	132.2	32.6	58.04	E., N.E. & N.N.E.	E., N.E. & E.	1bs. 0.8	0.0	136	Miles. -118	in. 0.00		
MONDAY	- 12	..	29.943	75.8	47.5	28.3	61.0	+ 2.4	49.4	11.6	18.5	1.0	66	130.1	34.8	58.21	E. & N.E.	N. & N.N.E.	1.2	0.0	127	-126	0.00		
TUESDAY	- 13	Apogee	29.936	61.1	46.9	14.2	53.8	- 5.0	41.9	11.9	18.6	5.9	64	134.4	38.3	58.21	N.N.E.	N.N.E. & N.	3.5	0.0	327	+ 75	0.00		
WEDNESDAY	14	..	29.913	60.9	42.1	18.8	49.5	- 9.4	41.0	8.5	18.4	2.4	72	123.7	29.8	58.24	N.E., N.N.E. & N.	N.E., N.N.E. & E.S.E.	1.2	0.0	224	- 26	0.00		
THURSDAY	- 15	In Equator	29.944	72.0	42.5	29.5	57.1	- 1.9	44.2	12.9	24.1	1.5	62	136.1	29.9	58.35	N.E., N.N.E. & N.	N., E.S.E., & S.	0.5	0.0	176	- 72	0.00		
FRIDAY	- 16	First Quarter.	29.889	75.1	44.0	31.1	59.4	+ 0.4	47.9	11.5	25.0	0.2	66	137.8	31.0	58.28	Calm & N.E.	N.N.E., E.S.E. & E.	0.8	0.0	171	- 74	0.00		
SATURDAY	- 17	..	29.829	77.1	47.8	29.3	63.0	+ 3.9	44.9	18.1	29.2	0.0	52	140.8	36.6	58.50	E.S.E., E. & N.E.	E.S.E. & S.S.W.	0.7	0.0	140	-102	0.00		
MEANS		-	29.934	69.3	45.1	24.2	56.6	- 2.2	45.5	11.1	20.9	1.6	67	133.6	33.3	58.27	N.E. & E.S.E.		..	..	Sum 1301	Sum -443	Sum 0.00		
No. of Column		3	4	5	6	7	8		10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

The results apply to the civil day, or from midnight to midnight.

The readings apply to the chimney, or from mid-night to midnight. The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations were usually taken at 9 A.M., 3 P.M., and 9 P.M. The mean of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glanish's Hygrostrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 18 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and "lower," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P positive, N negative, W weak, M moderate.

The symbols employed are:—F. positive; N. negative; W. weak; M. moderate; S. strong; and V. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregated duration of bright sunshine on each day.

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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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General Register Office, Somerset House,  
June 26th, 1899.

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 16·3 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	June 3.	June 10.	June 17.	June 24.		June 3.	June 10.	June 17.	June 24.
33 Great Towns	17·7	16·4	16·5	16·3	Leicester - -	15·6	13·7	15·6	13·7
Birkenhead -	15·4	18·1	15·8	13·6	Liverpool - -	24·3	20·9	20·6	21·9
Birmingham -	16·7	15·3	19·4	16·8	London - -	17·0	15·7	15·1	15·5
Blackburn -	19·7	17·7	17·0	13·1	Manchester -	26·5	22·9	24·8	21·0
Bolton -	17·0	17·7	16·4	13·8	Newcastle-on-Tyne	17·8	15·1	15·5	18·3
Bradford -	16·6	17·4	15·9	14·8	Norwich - -	13·4	11·0	14·7	18·9
Brighton -	8·5	14·8	11·4	15·7	Nottingham -	15·5	18·1	17·4	16·8
Bristol -	14·8	14·6	17·2	15·3	Oldham - -	22·1	20·8	16·6	18·0
Burnley -	21·2	14·3	21·7	14·3	Plymouth - -	19·2	17·6	17·6	19·7
Cardiff -	11·5	13·7	9·3	15·7	Portsmouth -	17·8	15·6	15·0	14·2
Croydon -	13·9	11·4	9·0	8·2	Preston - -	22·6	17·3	15·1	14·6
Derby -	15·7	17·2	13·7	13·2	Salford - -	20·5	21·0	22·0	17·4
Gateshead -	17·1	13·2	19·6	17·6	Sheffield - -	18·8	16·7	18·2	19·2
Halifax -	17·6	19·2	20·8	13·9	Sunderland -	17·5	20·8	17·9	15·4
Huddersfield -	15·6	15·1	13·6	16·1	Swansea - -	18·6	18·1	17·1	15·1
Hull -	17·4	17·1	16·5	14·0	West Ham - -	10·2	10·8	11·8	13·9
Leeds -	17·1	14·8	16·6	15·9	Wolverhampton	22·9	14·7	14·1	22·9

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Salford, 1·2 in Croydon, 1·3 in Liverpool, and 2·1 in Manchester; from *whooping-cough*, 1·4 in Burnley, 1·5 in Blackburn and in Gateshead, and 2·2 in Cardiff; from "*fever*," 1·0 in Huddersfield; and from *diarrhoea*, 1·0 in Bristol and 1·1 in Sunderland. In none of the thirty-three towns did the death-rate from *scarlet fever* reach 1·0 per 1,000. The 80 deaths from *diphtheria* included 28 in London, 13 in Sheffield, 7 in Leeds, 5 in Leicester, 4 in West Ham, 4 in Liverpool, 3 in Swansea, and 3 in Birmingham. One death from *small-pox* was registered in Hull, but not one in any other of the thirty-three towns.

### LONDON.

In LONDON† 2422 BIRTHS and 1355 DEATHS were registered. Allowing for increase of population, the births were 176, and the deaths 111,

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.  
† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.



below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 17·0, 15·7, and 15·1 in the preceding three weeks, rose again last week to 15·5. During the four weeks ending on Saturday last the death-rate averaged 15·8 per 1000, being 1·3 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1355 deaths included 65 from measles, 4 from scarlet fever, 28 from diphtheria, 35 from whooping-cough, 6 from enteric fever, 9 from diarrhoea and dysentery, 1 from choleraic diarrhoea, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 148 deaths were referred to these diseases, being 76 below the corrected average weekly number.

The deaths from *measles*, which had been 67, 93, and 64 in the preceding three weeks, were 65 last week, the corrected average being 68; 7 cases belonged to Islington, 7 to Poplar, 6 to Lambeth, 6 to Greenwich, 5 to Hackney, and 5 to Limehouse sanitary areas. The deaths from *scarlet fever*, which had been 4, 5, and 7 in the preceding three weeks, fell again last week to 4, and were 14 below the corrected average. The deaths from *diphtheria*, which had been 24, 28, and 35 in the preceding three weeks, fell again last week to 28, and were 9 below the corrected average; 3 cases belonged to Hackney, 3 to Camberwell, and 3 to Greenwich sanitary areas. The deaths from *whooping-cough*, which had been 33, 27, and 35 in the preceding three weeks, were again 35 last week, the corrected average being 40; 6 cases belonged to Poplar sanitary area. The fatal cases of *enteric fever*, which had been 6, 7, and 6 in the preceding three weeks, were again 6 last week, the corrected average being 8. The deaths from *diarrhoea*, which had been 13, 12, and 12 in the preceding three weeks, fell to 9 last week, the corrected average being 50. The deaths referred to diseases of the respiratory organs, which had been 240, 216, and 207 in the preceding three weeks, further fell last week to 190, and were 18 below the corrected average. The deaths attributed directly to *influenza* numbered 12, having been 24, 18, and 13 in the preceding three weeks.

Different forms of violence caused 86 deaths, concerning all but 4 of which inquests were held. Of these 86 deaths, 10 were cases of suicide, and 3 of homicide, while the remaining 73 were attributed to accident or negligence. Twelve of these were referred to vehicles in the streets, 12 to drowning, 1 to the effects of nitrous oxide administered for surgical purposes, and 11 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 2367 cases of scarlet fever, 1230 of diphtheria, and 109 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 335 cases, against 260, 278, and 262; of diphtheria, 204 cases, against 145, 173, and 171; and of enteric fever, 26 cases, against 21, 17, and 20.

#### GREATER LONDON.

In Greater London 3457 births and 1786 deaths were registered, corresponding to annual rates of 27·6 and 14·3 per 1000 of the estimated population. In the Outer Ring 22 deaths from measles, 3 from scarlet fever, 13 from diphtheria, 10 from whooping-cough, 3 from "fever," and 9 from diarrhoea were registered. Seven deaths from measles, 6 from diphtheria, and 2 from "fever" occurred in West Ham district; 7 deaths from measles and 5 from diphtheria occurred in Edmonton district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·55 inches, and that of the Thermometer 60°·7; the latter being 0°·4 above the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 18 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 26·2 hours; the measured rainfall amounted to 0·51 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Small-pox, Scarlet Fever, Diphtheria, Enteric Fever, or Typhus respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

The DEATHS registered in the Week include

Registered during  
the Week ending  
24th June 1899.

POPULATION  
estimated  
to the  
end of  
the Year  
1898.\*

CITIES  
AND  
BOROUGHES.

BIRTHS, DEATHS.

Infants under  
1 Year of  
Age.

Persons aged  
60 Years  
and upwards.

Small-pox.

Measles.

Scarlet Fever.

Diphtheria.

Whooping-  
cough.

Typh.

Diarrhoea.

Violence.

Liquor Cases.

Deaths in  
Public  
Institutions.

Causes of Death.

From All  
Week's Deaths.

From  
Causes.

From  
Diseases in  
Cous. 6-12.

Highest.

Lowest.

Fahrenheit.

Centigrade.

Mean.

In Inches.

In Centi-  
metres.

RAINFALL.

CITIES  
AND  
BOROUGHES.

Colts.

33 TOWNS.

LONDON.

WEST HAM.

CROYDON.

BRIGHTON.

PORTSMOUTH.

PLYMOUTH.

BRISTOL.

CARDIFF.

SWANSEA.

WOLVERHAMPTON.

BIRMINGHAM.

NORWICH.

LEICESTER.

NOTTINGHAM.

DERBY.

BIRKENHEAD.

LIVERPOOL.

BOLTON.

MANCHESTER.

SALFORD.

OLDHAM.

BURNLEY.

BLACKBURN.

PRESTON.

HUDDESFIELD.

HALIFAX.

BRADFORD.

LEEDS.

SHEFFIELD.

HULL.

SUNDERLAND.

GATESHEAD.

NEWCASTLE.

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24.

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1.93

58.4

43.0

78.8

1.9

16.3

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80

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176

313

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TABLE 2. LONDON.—Births and Deaths Registered in the TWENTY-FIFTH Week of each of the Eleven Years, 1889–99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889–98.*	1899
<b>TOTAL Births</b>	2636	2516	2389	2654	2520	2334	2639	2511	2110	2385	2508.1	2422
Males - -	1353	1295	1228	1319	1291	1167	1369	1281	1083	1247	1329.1	1223
Females - -	1283	1221	1161	1335	1229	1167	1270	1230	1027	1138	1269.0	1199
<b>TOTAL Deaths</b>	1243	1387	1538	1415	1866	1330	1276	1371	1246	1257	1465.5	1355
Males - -	659	718	827	733	1015	684	638	694	624	654	762.4	739
Females - -	584	669	711	632	851	646	638	677	622	603	703.1	616

\*The numbers in this column are the average weekly numbers in the twenty-fifth week of the ten years 1889–98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Apr. 1.	Apr. 8.	Apr. 15.	Apr. 22.	Apr. 29.	May 6.	May 13.	May 20.	May 27.	June 3.	June 10.	June 17.	June 24.
<b>TOTAL Births</b>	2609	2554	2875	2759	2693	2623	2574	2598	2306	2678	2445	2371	2422
<b>TOTAL Deaths</b>	1922	1816	1624	1499	1478	1397	1423	1419	1366	1483	1365	1316	1355
<b>Ages at Death</b>													
Under 1 year - -	377	341	320	317	325	277	285	277	296	281	281	299	272
1–5 years - -	224	203	195	186	195	165	196	170	174	168	218	173	199
5–20 " - -	90	99	79	82	87	84	72	77	73	82	79	71	91
20–40 " - -	212	227	225	200	172	202	206	219	166	211	197	171	215
40–60 " - -	380	367	341	303	289	282	282	314	295	351	264	290	279
60–80 " - -	494	464	378	322	321	305	320	297	289	310	269	260	254
(80 years and upwards)	145	115	86	89	89	82	67	65	73	70	57	52	45
<b>Deaths from—</b>													
Small pox - -	-	-	-	-	-	-	-	-	-	-	1	-	-
Measles - -	37	29	34	51	45	36	49	51	61	67	93	64	65
Scarlet Fever - -	4	8	6	7	6	10	2	9	5	4	5	7	4
Diphtheria - -	31	34	20	29	26	21	40	24	23	24	28	35	23
Whooping-cough - -	57	58	54	47	54	47	39	39	34	33	27	35	35
Typhus - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever - -	9	6	14	3	4	7	8	6	4	6	7	6	6
Simple Continued Fever - -	1	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery - -	7	11	4	7	10	12	9	12	10	13	12	12	9
Cholera - -	-	-	1	-	-	-	-	-	-	-	-	-	1
<b>All the above Diseases</b>	146	146	133	144	145	133	147	141	137	147	173	159	148
<b>Dis. of Respiratory System—</b>													
Phthisis - -	505	470	343	277	294	251	257	257	256	240	216	207	190
Dis. of Circulatory System—	139	174	173	160	140	145	143	170	141	165	141	133	153
Violence - -	195	152	147	140	114	145	148	137	134	169	110	125	116
Inquest Cases - -	63	89	83	65	71	73	83	64	68	66	80	60	86
Deaths in Public Institutions—	155	189	156	152	137	131	165	141	139	152	156	124	162
<b>TEMPERATURE OF THE AIR.</b>													
Mean - -	50.1	48.9	43.9	43.4	50.1	46.4	50.9	54.4	49.5	58.4	61.1	56.3	60.7
Mean of Highest readings - -	59.0	56.1	52.2	52.3	57.3	55.3	62.2	62.7	57.1	70.8	73.3	69.3	69.7
Mean of Lowest readings - -	43.2	44.0	37.2	34.7	44.1	37.2	41.7	48.3	43.2	43.6	49.1	45.1	53.7
<b>Humidity of the Air</b> - -	77	77	80	75	76	87	75	75	78	60	64	67	73
<b>Rain-fall (in inches)</b> - -	0.37	0.49	1.27	0.43	0.79	0.00	0.01	0.97	0.66	0.00	0.00	0.00	0.51
<b>Registered Sunshine (in hours)</b>	19.5	25.3	21.9	26.5	17.8	49.7	43.0	33.9	29.3	95.9	72.1	68.0	26.2

CASES OF INFECTIOUS SICKNESS IN HOSPITALS\* AT THE END OF EACH WEEK.

Small-pox - - - -	1	1	3	3	3	1	1	1	1	1	1	1	1
Scarlet Fever - - - -	2322	2235	2126	2144	2131	2139	2210	2161	2201	2212	2269	2280	2367
Diphtheria - - - -	1165	1126	1068	1034	997	1040	1065	1066	1111	1134	1159	1170	1230
Enteric Fever - - - -	148	139	129	125	124	118	107	99	102	99	97	93	109

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R.Met.Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst.C.E., and P. Boobbyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.



TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-FIFTH Week of the Year 1899.

[illegible]

the numbers in this column are the average weekly deaths for the ten years 1880-98, raised by 5.213 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such causes are classed under "accident."

TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 24th June, 1899.

The DEATHS registered during the Week include																		
REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from												Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple Continuous Fever.	Diarrhœa.	Violence.	Inquest Cases.		
LONDON -	4,411,710	2422	1355	272	299	-	65	4	28	35	-	6	-	9	86	162	460	
WEST DISTRICTS.																		
St. Mary Paddington } G. & W.	90,996	48	17	3	9	-	-	-	-	-	-	-	-	-	3	4	4	
WHH - - -																		
St. John Paddington H - - G.	33,510	4	5	-	-	-	-	-	-	-	-	-	-	-	3	2	3	
Kensington Town Ww - - W.	122,164	55	55	12	15	-	-	-	-	1	-	-	-	2	-	4	25	
Brompton HH - - W & C.	48,301	7	12	-	3	-	-	-	-	-	-	-	-	-	-	-	5	
North Hammersmith† H } W. & G	44,638	24	9	1	1	-	-	-	-	-	-	-	-	-	1	2	-	
South Hammersmith† H } W. & G	59,561	23	16	2	2	-	-	-	-	-	-	-	-	-	-	-	4	
Fulham Ww - - W. & C.	113,781	69	42	17	4	-	-	2	2	2	-	-	-	1	-	-	13	
Chelsea Kensal Town - C.	21,450	8	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-	
Chelsea North WHHHHH - C.	42,057	19	21	3	8	-	-	-	-	1	-	-	-	-	-	1	13	
Chelsea South HE - - C.	33,139	13	9	3	4	-	-	-	-	-	-	-	-	-	-	2	-	
May Fair W - - - G.	23,827	1	4	-	1	-	-	-	-	-	-	-	-	-	-	-	2	
Belgrave WHHH - - C.	56,140	22	14	1	4	-	-	-	-	-	-	-	-	-	1	3	8	
St. John Westminster HH - C.	31,492	15	9	1	-	-	2	-	-	-	-	-	-	-	-	2	-	
St. Margaret Westminster H- C.	22,097	5	8	-	1	-	-	-	1	-	-	-	-	-	-	-	5	
St. James Westminster } N. & G.	23,050	13	7	1	3	-	-	-	-	-	-	-	-	-	-	-	4	
WHH - - -																		
St. Anne Soho HHHHHH - N.	12,048	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH DISTRICTS.																		
All Souls Marylebone } - - W.	36,595	8	16	3	5	-	-	-	-	-	-	-	-	-	2	3	6	
HHHHHHHHH - - -																		
Rectory Marylebone W } G. & W.	19,798	3	10	2	1	-	2	-	-	-	-	-	-	-	1	1	2	
St. Mary Marylebone } G. & W.	19,637	29	6	1	2	-	-	-	-	-	-	-	-	-	-	3	-	
HHHH - - -																		
Christchurch Marylebone H - W	32,547	15	7	1	2	-	-	-	-	-	-	-	-	-	1	1	-	
St. John Marylebone HHH W.	32,611	15	6	1	1	-	-	-	-	-	-	-	-	-	-	1	1	
Hampstead } - N. & W.	75,449	29	21	1	5	-	1	-	3	1	-	-	-	-	1	2	9	
WvHHHH - - -																		
Regent's Park Pancras HH - W.	37,341	18	6	-	2	-	-	-	-	-	-	-	-	-	1	3	-	
Tottenham-court } - N. & W.	26,757	9	16	1	2	-	-	-	1	1	-	-	-	-	1	2	11	
wHHHH - - -																		
Gray's Inn Lane HHH - - N.	29,426	16	20	2	2	-	1	-	-	-	-	-	-	-	4	4	11	
Somers Town HH - - N.	32,161	25	10	-	2	-	1	-	-	1	-	-	-	-	1	2	3	
Camden Town WH - - N.	16,669	12	6	-	3	-	-	-	-	1	-	-	-	-	-	-	4	
Kentish Town WW - - N.	98,410	50	16	2	7	-	-	-	-	1	-	-	-	-	-	2	7	
Upper Holloway } - - N.	98,273	49	41	8	10	-	-	-	-	1	-	-	-	-	1	2	19	
WWWvHH - - -																		
Islington South-west H - N.	107,365	61	30	10	9	-	2	-	-	1	-	-	-	-	4	5	-	
Islington South-east - - N.	66,549	27	9	2	1	-	2	-	-	-	-	-	-	-	-	1	-	
Highbury HH - - N.	64,577	33	14	4	1	-	3	-	-	-	-	-	-	-	1	1	-	
Stoke Newington H - - N.	33,485	14	9	2	1	-	1	-	-	1	-	-	-	1	-	-	-	
North Hackney - - E. & N.		16	6	1	2	-	1	-	-	-	-	-	-	-	-	-	-	
Central Hackney ww - E. & N.		30	12	4	1	-	-	-	3	-	-	-	-	-	1	3	4	
South-west Hackney HHH E. & N.	213,044	35	16	4	3	-	4	-	-	1	-	-	-	-	-	1	3	
South-east Hackney WvH E. & N.		27	22	1	8	-	-	-	1	-	-	-	-	-	-	3	11	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. signify Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. N. River; E. East London; and K. the Kent Company.

\* See note on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and re-named North Hammersmith and South Hammersmith, respectively.

REGISTRATION SUB-DISTRICTS

† Population in 1891, not included in the total population of the Central Districts or of London.  
Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.



TABLE 5 LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 24th June, 1899—*continued.*

						The DEATHS registered during the Week include																	
REGISTRATION SUB-DISTRICTS						Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from												
									Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or typhoid) Fever.	Simple Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions	
SOUTH DISTRICTS.																							
Christchurch Southwark	WHL & S.	13,064	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Saviour Southwark	- S.	12,301	5	2	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1	2	-	-	
Kent-road	- S. & L.	22,879	13	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-	1	7	-	-	
Borough-road	WH S. & L.	16,083	9	14	2	1	-	-	-	1	-	-	1	-	-	1	-	-	1	1	-	-	
London-road	HL - L. & S.	21,316	7	3	3	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
Trinity Newington	- S. & L.	28,723	15	9	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	12	2	-	
St. Peter Walworth	W - S. & L.	62,045	41	10	4	4	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
St. Mary Newington	- L. & S.	30,171	10	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Olave	WH - - - S.	11,731	2	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	6	-	
Bermondsey	W - - - S.	85,475	47	17	3	3	-	-	2	-	-	-	-	1	-	-	-	-	2	3	1	4	
Rotnerhithe	WwH - - S. & K.	40,379	21	18	4	3	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	
Waterloo-road	HH - L. & S.	28,396	27	8	3	1	-	-	1	-	-	-	1	-	-	-	-	-	2	2	9	-	
Lambeth Church 1st	H - L. & S.	18,770	11	12	3	3	-	-	-	-	-	-	-	-	1	-	-	-	-	9	-	-	
Lambeth Church 2nd	WW - L. & S.	40,994	31	20	5	5	-	-	-	-	-	-	1	-	1	-	-	-	1	1	-	-	
Kennington 1st	H - S. & L.	52,486	47	11	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kennington 2nd	- S. & L.	43,244	20	8	1	-	-	-	3	-	-	3	1	1	-	-	-	-	-	-	2	-	
Brixton	w - L. & S.	81,825	41	13	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Norwood	WH - - - L.	29,318	5	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
East Battersea	- - - S.	71,730	39	12	6	2	-	-	-	-	-	-	-	-	-	-	-	-	2	3	9	-	
West Battersea	WwH - - S.	93,855	45	33	12	6	-	-	2	-	-	-	2	-	2	-	-	-	1	1	9	-	
Clapham	H - - - S.	46,953	18	9	4	3	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wandsworth	WHHL - - S.	58,101	38	10	4	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	-	
Putney	- - - S.	20,566	14	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	
Streatham	WwvwL - - L.	61,644	45	17	8	4	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	
Dulwich	- - - L. & S.	7,519	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
Camberwell	Wwll - S. & L.	90,286	50	31	5	12	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	
Peckham	Ww - S., L., & K.	88,242	50	12	2	1	-	-	-	-	-	-	1	-	1	-	-	-	1	2	1	-	
St. George Camberwell	- L. & S.	67,029	42	16	6	1	-	-	2	-	-	1	2	-	-	-	-	-	-	-	-	-	
Deptford North	- - - K.	36,152	21	10	3	1	-	-	3	-	-	-	-	-	-	-	-	-	1	1	-	-	
Deptford Central	w - - K.	45,441	35	15	2	1	-	-	1	-	-	4	1	-	-	-	-	-	-	-	-	-	
Deptford South	- - - K.	33,402	14	3	1	-	-	-	1	-	-	-	-	-	-	-	-	-	1	1	-	-	
Greenwich West	ll - - K.	23,012	13	7	-	4	-	-	1	-	-	1	-	-	-	-	-	-	-	1	-	-	
Greenwich East	WH - - K.	37,767	25	19	2	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Eltham	wH - - - K.	5,911	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lee	H - - - K.	24,222	11	4	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	1	-	
Lewisham	WwH - - K.	38,139	21	12	4	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	
Sydenham	H - - - L.	37,601	23	4	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Charlton	wHH - - K.	15,928	7	13	-	3	-	-	1	-	-	3	-	-	-	-	-	-	1	1	1	-	
Woolwich Dockyard	- - - K.	19,355	10	6	3	2	-	-	1	-	-	-	-	-	-	-	-	-	1	1	1	-	
Woolwich Arsenal	HHHH - K.	21,959	12	8	3	2	-	-	1	-	-	-	-	-	-	-	-	-	1	1	1	-	
Plumstead West	H - - K.	16,714	11	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Plumstead East	WH - - K.	42,538	24	10	2	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	
Banstead Asylum	- - -	-	-	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Caterham Asylum	- - -	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cane Hill Asylum	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hospital Ships and Camp, Dartford	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Darenth Asylum	- - -	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
London County Asylum, Dartford	- - -	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Heath	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hanwell Asylum	- - -	-	-	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Colney Hatch Asylum	- - -	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
N.E. Hospital	- - -	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Winchmore Hill Hospital	- - -	-	-	9	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Leavesden Asylum	- - -	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Claybury Asylum	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

c.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 24th June, 1899.

REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													
					Deaths of		Deaths from											
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.	
LONDON—OUTER RING	368,749	1,422,063	1035	431	100	106	-	22	3	13	10	3	9	21	37	56	6	
Carshalton WHH	12,228	26,108	15	4	-	2	-	-	-	-	-	-	-	-	-	-	-	
Epsom, part of* WwHH	10,423	12,508	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Godstone, part of* W	2,754	1,598	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Croydon WwHHH	20,851	128,699	66	27	3	6	-	3	-	-	-	-	-	1	2	5	-	
Mitcham w	11,697	23,072	9	8	2	2	-	-	-	-	1	-	-	-	3	-	-	
Wimbledon HHH	3,220	25,777	23	9	1	1	-	-	-	-	-	-	-	1	2	1	-	
Kingston WH	-	33,566	20	8	5	1	-	-	-	-	-	-	1	-	-	-	-	
Surbiton H-	14,672	12,178	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Esher, part of* HH	-	11,080	4	3	1	1	-	-	-	-	-	-	1	-	-	-	-	
Hampton HL	4,565	18,252	6	4	1	2	-	-	-	-	-	-	-	-	-	-	-	
Richmond WH-	2,160	25,389	13	12	1	5	-	-	-	-	-	-	-	1	2	4	-	
Mortlake H	2,823	16,159	21	6	-	1	-	-	-	-	-	-	-	2	2	-	-	
Bromley HHH	9,127	23,815	12	6	1	2	-	-	-	-	1	-	-	-	-	-	-	
Beckenham H-	6,542	21,969	11	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Chislehurst, part of* WHH	14,307	20,372	10	6	1	3	-	-	-	-	1	-	-	-	1	2	-	
Bexley HHH	12,540	30,590	33	10	3	3	-	-	-	-	-	-	-	-	-	-	-	
Dartford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sunbury w	11,054	13,671	5	4	-	2	-	-	-	-	-	-	-	-	-	-	-	
Staines WH	13,277	13,221	6	8	2	1	-	-	-	-	1	-	-	1	1	2	-	
Hillingdon WHH	6,035	12,237	4	2	-	1	-	-	-	-	-	-	-	1	1	1	-	
Uxbridge	12,757	7,253	3	2	-	1	-	-	-	-	-	-	-	2	2	-	-	
Hayes wH-	7,952	11,051	5	1	-	-	-	-	-	-	1	-	-	-	-	-	-	
Isleworth WHH	6,967	26,004	19	16	4	1	-	-	-	-	1	-	-	-	-	5	-	
Twickenham HH	2,415	16,027	16	6	-	2	-	-	-	-	-	-	-	1	1	1	-	
Brentford HHHH	4,318	37,777	21	10	4	-	-	1	-	-	-	-	-	-	-	2	1	
Chiswick	1,245	21,963	20	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
Acton WHH	6,132	30,945	28	13	7	2	-	-	-	1	1	-	1	-	-	-	-	
Harrow HHH	13,809	15,715	7	5	-	1	-	-	-	-	-	-	1	1	1	-	-	
Edgware HH	6,994	3,844	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Willesden HHH	4,383	61,265	63	17	8	6	-	-	-	-	-	-	1	-	1	-	-	
Hendon WH	5,382	15,843	8	7	-	1	-	3	-	-	-	-	-	-	-	1	-	
South Mimms HH	-	6,367	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Barnet WHH	21,077	14,152	12	5	1	-	-	-	-	-	-	-	-	-	-	1	-	
Finchley HHH	4,688	25,820	7	3	-	2	-	-	-	-	-	-	-	-	-	-	-	
Hornsey HH	3,039	61,097	35	11	2	6	-	1	1	-	-	-	-	-	1	1	-	
Tottenham HH-	4,642	97,174	89	25	5	7	-	-	-	2	-	-	1	-	-	-	-	
Edmonton WwW	7,489	36,351	33	15	5	4	-	1	-	1	-	-	1	1	2	2	-	
Enfield WWHH	12,602	31,536	19	9	1	-	-	5	-	-	-	-	-	-	-	1	1	
Waltham Abbey	11,017	6,066	5	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
Cheshunt H	8,480	9,620	5	4	-	-	-	-	-	-	-	-	-	-	-	1	-	
Hatfield, part of* W-	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bushey H-	9,331	7,737	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Watford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Stratford H	-	38,612	37	17	5	2	-	2	-	-	-	-	-	3	3	3	1	
Plaistow WHHH	-	53,030	64	28	8	3	-	1	-	3	-	-	1	1	2	4	2	
Canning Town H	4,706	54,750	37	21	4	7	-	-	-	-	-	2	2	4	5	1	-	
Forest Gate w	-	53,511	25	10	3	1	-	-	-	1	-	-	-	-	-	-	-	
East Ham WHH	3,266	32,713	60	18	5	5	-	-	-	1	2	-	-	1	2	-	-	
Leyton WwWwH	4,334	70,188	55	24	9	7	-	1	-	1	1	-	-	-	2	9	1	
Walthamstow HHL	6,501	57,330	49	19	6	6	-	2	-	1	-	-	-	-	1	2	-	
Chigwell, part of* HHHH	11,779	12,941	5	2	-	2	-	-	-	-	-	-	-	-	-	-	-	
Epping WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Romford, part of* WH	6,556	4,324	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Ilford	8,493	10,913	22	3	1	-	-	-	-	-	1	-	-	-	-	-	-	
Barking Town, H	3,814	14,301	9	6	-	1	-	1	-	-	-	-	-	-	-	-	-	
London Fever Hospital, Islington.	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	-	
Eastern Fever Hospital, Hackney.	-	-	-	3	-	-	-	-	-	2	-	-	-	-	-	3	-	
Middlesex County Asylum, Wandsworth.	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-	
N.E. Fever Hosp., Tottenham	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	-	

parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30: 2, Epsum sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warringham and Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in the sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 3,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 24th June, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include									
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from							
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
GREATER LONDON	443,421	6,528,434	14·3	1·7	1786	372	405	-	87	7	41	45	9	18	107
INNER LONDON -	74,672	4,546,752	15·5	1·7	1355	272	299	-	65	4	28	35	6	9	86
OUTER RING -	368,749	1,981,682	11·3	1·6	431	100	106	-	22	3	13	10	3	9	21

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMO DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	
EDINBURGH -	298,927	June 24	157	103	18·0	-	1	1	3	4	-	
GLASGOW -	733,903	" 24	484	234	16·6	-	13	5	2	3	-	
DUBLIN -	349,594	" 24	205	143	21·3	-	1	1	-	1	-	3
CALCUTTA -	466,460	May 13	-	281	31·4	-	1	-	-	-	-	114†
BOMBAY -	821,764	" 30	173	689	43·6	9	20	?	?	?	-	185†
MADRAS -	452,518	" 12	-	-	-	-	-	-	-	-	-	
PARIS -	2,511,629	June 17	980	876	17·1	-	23	10	6*	8	20	
BRUSSELS -	551,011	" 17	241	168	15·8	-	4	1	1*	2	2	
AMSTERDAM -	512,758	" 10	282	154	15·5	-	-	-	-	2	3	
ROTTERDAM -	311,301	" 10	187	101	16·8	-	-	-	2	4	1	
THE HAGUE -	196,325	" 10	93	63	16·4	-	-	-	-	-	-	
COPENHAGEN -	345,000	" 17	218	90	13·6	-	-	2	1	-	-	
STOCKHOLM -	283,550	" 10	155	106	19·4	-	8	1	3*	1	1	
CHRISTIANIA -	293,337	" 17	137	80	18·8	-	-	-	1	-	-	
ST. PETERSBURG	1,132,677	" 10	576	541	24·9	7	30	11	13	4	20	
MOSCOW -	988,610	" 10	-	536	28·3	11	9	7	4	2	-	
BERLIN -	1,805,054	" 3	889	671	19·2	-	28	10	10	15	-	
HAMBURG -	675,351	" 17	-	212	16·3	-	1	1	2*	7	1	
DRESDEN -	389,300	May 27	-	148	19·6	-	-	1	1*	2	1	
BRESLAU -	406,012	June 17	-	203	26·1	-	-	2	2	-	1	
MUNICH -	445,000	" 10	310	265	31·0	-	-	1	1*	4	-	
VIENNA -	1,606,629	" 17	1008	667	21·4	-	15	7	6*	1	1	
PRAGUE -	380,497	" 17	215	167	22·6	-	5	1	1	4	-	
BUDA-PESTH -	666,722	" 10	482	287	22·4	1	5	8	3	1	8	
TRIESTE -	165,913	" 3	101	97	30·3	-	-	7	3*	1	-	
ROME -	500,610	May 27	-	-	-	-	-	-	-	-	-	
TURIN (10 days)	344,203	April 30	195	189	20·0	-	1	-	1	8	2	
VENICE -	169,883	June 3	67	70	21·5	-	2	-	2*	-	-	
CAIRO -	570,062	April 15	-	-	-	-	-	-	-	-	-	
ALEXANDRIA -	319,766	" 15	-	-	-	-	-	-	-	-	-	
NEW YORK (including BROOKLYN)	3,550,053	June 3	-	-	-	-	-	-	-	-	-	
PHILADELPHIA -	1,266,832	" 3	-	426	17·5	-	-	2	18	3	15	

\* Including deaths from croup.

† Including 42 deaths from plague in Calcutta and 124 in Bombay.

‡ Including 23 deaths from cholera in Calcutta and 2 in Bombay.



MONTH AND  
DAY

1899.		MONTH AND DAY		Phases of the Moon.	Mean daily reading (corrected to 32° Fahrenheit).	Of the Air.				Of the Dew Point Temperature.				Of Radiation.				General Direction.				Oiler's.				Pressure on the Square Foot.				Robinson's.				Collected in the Gauge whose surface area was above ground.			
						High-est.	Low-est.	Daily Range.	Mean value.	Difference from Average of 50 years.	Mean daily value.	Greatest.	Least.	Mean daily value.	Highest in Sun's Rays.	Lowest on Grass.	Surface.	A.M.	P.M.	Greatest.	Least.	Mean of 24 hourly obs.	Miles.	Miles.	Miles.	in.											
JUNE.																																					
SUNDAY	-	18	..	29.611	75.0	50.4	24.6	62.6	+ 3.4	52.2	10.4	20.7	1.6	69	142.2	38.1	58.92	SSW. & SW.	SW. & SSW.	Variable	1.7	0.0	0.1	218	-	22	0.07	0.2									
MONDAY	-	19	..	29.445	67.1	52.0	15.1	53.2	- 1.3	45.9	12.3	18.7	4.5	64	119.1	50.3	59.30	SW. NW. & ESE. S.	Variable & ESE.	2.9	0.0	0.1	182	-	56	0.01	0.8										
TUESDAY	-	20	..	29.240	71.9	56.0	15.9	62.8	+ 2.9	54.5	8.3	15.7	4.0	74	129.0	51.0	59.69	SSW. & SSE.	SSE.	4.7	0.0	0.3	268	+	31	0.25	2.5										
WEDNESDAY	21	..	29.413	73.0	53.4	19.6	61.8	+ 1.5	52.7	9.1	16.2	1.4	72	144.5	42.7	59.80	S. SSW. & SE.	S. SSW. & calm.	1.7	0.0	0.0	136	-	101	0.00	1.5											
THURSDAY	-	22	Greatest Dec. S.	29.519	65.2	55.0	10.2	59.2	- 1.5	56.0	3.2	9.4	0.0	89	94.8	40.2	59.90	Calm.	N. & NNW.	1.8	0.0	0.1	206	-	32	0.18	0.0										
FRIDAY	-	23	Full	29.722	64.7	54.9	9.8	59.1	- 1.9	51.7	7.4	12.6	2.8	77	89.0	53.8	60.00	NN. & NNE. & N.	NN. NNE. & N.	0.5	0.0	0.0	153	-	86	0.00	0.0										
SATURDAY	-	24	..	29.880	71.1	54.0	17.1	60.9	- 0.3	50.1	10.8	17.5	0.6	63	127.2	47.0	59.90	Calm & NNW.	NN. & NNW.	2.6	0.0	0.2	213	-	28	0.00	0.0										
MEANS	-	-	-	29.549	69.7	53.7	16.0	60.7	+ 0.4	51.9	8.8	15.8	2.1	73	120.8	46.2	59.64	Variable	..	..	..	..	Sum 1376	Sum -294	24	25	0.7										
No. of Column	-	-	-	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26										
GENERAL REMARKS.																																					
DATE.				ELECTRICITY. (For explanation of symbols, see Note.)				Registered Sunshine in hours.				Sun above Horizon, in hours.																									
SUNDAY	-	18	w. P. generally; w. N. in evening.	72	166	Very fine till afternoon; overcast afterwards with gentle rain after 8h. P.M. Partial solar halo at 1h. P.M.																															
MONDAY	-	19	w. P. throughout -	53	166	Cloudy with rain in morning; fine till afternoon; generally cloudy afterwards with rain at 1lh. 40m. P.M. Solar halo in evening.																															
TUESDAY	-	20	w. P. and w. N. till 3h. A.M.; w. P. afterwards.	29	166	Generally cloudy; fine in afternoon. Showery in morning.																															
WEDNESDAY	21	w. P. throughout -	63	166	Fine and partially cloudy; overcast after 10h. P.M. Solar halo at 4h. P.M. Bright partial rainbow about 7h. P.M.																																
THURSDAY	-	22	w. P. till 1lh. A.M.; loss of register till 6h. P.M.; w. P. afterwards.	00	166	Overcast; frequent rain between 9h. A.M. and 7h. P.M.																															
FRIDAY	-	23	w. P. throughout -	00	166	Generally overcast.																															
SATURDAY	-	24	w. P. throughout -	45	166	Generally overcast till noon with slight shower at 9h. 55m. A.M.; fine and partially cloudy afterwards.																															
No. of Col.	-	-	-	Sum 262	Sum 1162	Sum 29	28	29																													

The results apply to the civil day, or from midnight to midnight.  
The height of the cistern of the barometer is 159 feet above the mean level of the sea;  
no correction has been applied to the readings to reduce to sea level.  
Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the aneromeric records for the 16 years ending 1876.  
In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average.  
The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.  
The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.  
The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.  
The reading of the barometer decreased from 29.77 in. at the beginning of the week to 29.23 in. by 9h. A.M. on the 24th; and increased to 29.97 in. by the end of the week.

LONDON:  
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1899.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN THIRTY-TWO OTHER GREAT TOWNS

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General Register Office, Somerset House,  
July 3rd, 1899.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 15·7 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	June 10.	June 17.	June 24.	July 1.		June 10.	June 17.	June 24.	July 1.
33 Great Towns	16·4	16·5	16·3	15·7	Leicester	-	-	13·7	15·6
Birkenhead	18·1	15·8	13·6	12·7	Liverpool	-	-	20·9	20·6
Birmingham	15·3	19·4	16·8	15·4	London	-	-	15·7	15·1
Blackburn	17·7	17·0	13·1	10·4	Manchester	-	-	22·9	24·8
Bolton	17·7	16·4	13·8	13·5	Newcastle-on-Tyne	-	-	15·1	15·5
Bradford	17·4	15·9	14·8	14·8	Norwich	-	-	11·0	14·7
Brighton	14·8	11·4	15·7	14·8	Nottingham	-	-	18·1	17·4
Bristol	14·6	17·2	15·3	15·1	Oldham	-	-	20·8	16·6
Burnley	14·3	21·7	14·3	18·9	Plymouth	-	-	17·6	17·6
Cardiff	13·7	9·3	15·7	13·5	Portsmouth	-	-	15·6	15·0
Croydon	11·4	9·0	8·2	15·5	Preston	-	-	17·3	15·1
Derby	17·2	13·7	13·2	16·7	Salford	-	-	21·0	22·0
Gateshead	13·2	19·6	17·6	22·5	Sheffield	-	-	16·7	18·2
Halifax	19·2	20·8	13·9	12·8	Sunderland	-	-	20·8	17·9
Huddersfield	15·1	13·6	16·1	13·6	Swansea	-	-	18·1	17·1
Hull	17·1	16·5	14·0	17·4	West Ham	-	-	10·8	11·8
Leeds	14·8	16·6	15·9	14·4	Wolverhampton	-	-	14·7	14·1

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·2 in Croydon and in Salford, 1·7 in Manchester, and 1·8 in Burnley; from *scarlet fever*, 1·4 in Burnley; from *whooping-cough*, 1·0 in Plymouth and in Gateshead, 1·1 in Portsmouth and in Cardiff, and 1·4 in Burnley; from "*fever*," 1·3 in Brighton; and from *diphtheria*, 1·0 in Bolton and in Gateshead, 1·2 in Leicester, and 1·4 in Salford. The 71 deaths from *diphtheria* included 25 in London, 10 in Sheffield, 7 in Portsmouth, 6 in Birmingham, 5 in Leeds, 4 in Leicester, and 3 in West Ham. Five deaths from *small-pox* were registered in Hull, but not one in any other of the thirty-three towns.

### LONDON.

In LONDON† 2441 BIRTHS and 1297 DEATHS were registered. Allowing for increase of population, the births were 188, and the deaths 142,

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths are excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer ring, or to other areas to which they belong.



below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 15·7, 15·1, and 15·5 in the preceding three weeks, fell last week to 14·9. During the four weeks ending on Saturday last the death-rate averaged 15·3 per 1000, being 1·5 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1297 deaths included 51 from measles, 11 from scarlet fever, 25 from diphtheria, 26 from whooping-cough, 11 from enteric fever, 20 from diarrhoea and dysentery, and not one death from small-pox, from typhus, from and ill-defined form of continued fever, or from cholera; thus, 144 deaths were referred to these diseases, being 100 below the corrected average weekly number.

The deaths from *measles*, which had been 93, 64, and 65 in the preceding three weeks, fell again last week to 51, and were 14 below the corrected average; 10 cases belonged to Camberwell, 5 to Greenwich, and 5 to Poplar sanitary areas. The deaths from *scarlet fever*, which had been 5, 7, and 4 in the preceding three weeks, rose again last week to 11, but were 6 below the corrected average; 3 cases belonged to Islington, 2 to Fulham, and 2 to St. Marylebone sanitary areas. The deaths from *diphtheria*, which had been 28, 35, and 28 in the preceding three weeks, further fell last week to 25, and were 12 below the corrected average; 4 cases belonged to Shoreditch, 3 to Poplar, and 3 to Lambeth sanitary areas. The deaths from *whooping-cough*, which had been 27, 35, and 35 in the preceding three weeks, fell again last week to 26, and were 14 below the corrected average. The fatal cases of *enteric fever*, which had been 7, 6, and 6 in the preceding three weeks, rose again last week to 11, and were 2 above the corrected average; 2 cases belonged to Lambeth sanitary area. The deaths from *diarrhoea*, which had been 12, 12, and 9 in the preceding three weeks, rose again last week to 20, but were 51 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 216, 207, and 190 in the preceding three weeks, further fell last week to 159, and were 31 below the corrected average. The deaths attributed directly to *influenza* numbered 12, having been 18, 13, and 12 in the preceding three weeks.

Different forms of violence caused 73 deaths, concerning all but 6 of which inquests were held. Of these 73 deaths, 7 were cases of suicide, while the remaining 66 were attributed to accident or negligence. Ten of these were referred to vehicles in the streets, 6 to drowning, and 10 (including 9 of infants under one year of age) to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2 cases of small-pox, 2430 of scarlet fever, 1280 of diphtheria, and 105 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 302 cases, against 278, 262, and 335; of diphtheria, 235 cases, against 173, 171, and 204; and of enteric fever, 17 cases, against 17, 20, and 26.

#### GREATER LONDON.

In Greater London 3406 births and 1704 deaths were registered, corresponding to annual rates of 27·2 and 13·6 per 1000 of the estimated population. In the Outer Ring 15 deaths from measles, 2 from scarlet fever, 12 from diphtheria, 17 from whooping-cough, 4 from "fever," and 10 from diarrhoea were registered. Five deaths from measles, 5 from diphtheria, 6 from whooping cough, 2 from "fever," and 7 from diarrhoea occurred in West Ham district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·819 inches, and that of the Thermometer 62°·3; the latter being 1°·0 above the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 13 per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 43·9 hours; the measured rainfall amounted to 0·74 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Small-pox, Scarlet Fever, Diphtheria, Enteric Fever, or Typhus respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

CITIES AND BOROUGH.	POPULATION estimated at middle of the Year 1899.*			the Week ending 1st July 1899.		Deaths of Persons aged 1 Year or 60 Years and upwards.		Deaths from							Deaths in Public Institutions.		Causes of Death.		From All Causes.		From Diseases in Cols. 6-12.		Highst.		Lowest.		Mean.		In Inches.		In Cent.		CITIES AND BOROUGH.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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TABLE 2. LONDON.—Births and Deaths Registered in the TWENTY-SIXTH Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2467	2359	2458	2489	2469	2453	2488	2501	2821	2475	2628.7	2441
Males - -	1265	1196	1240	1272	1260	1226	1291	1263	1442	1200	1333.5	1261
Females - -	1202	1163	1218	1217	1209	1233	1197	1218	1379	1275	1295.2	1181
<b>TOTAL Deaths -</b>	1265	1346	1363	1377	1331	1282	1429	1370	1156	1256	1438.8	1297
Males - -	699	666	749	703	978	609	732	698	624	661	749.6	692
Females - -	566	680	614	669	853	673	697	672	532	595	689.2	605

\* The numbers in this column are the average weekly numbers in the twenty-sixth week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Apr. 8.	Apr. 15.	Apr. 22.	Apr. 29.	May 6.	May 13.	May 20.	May 27.	June 3.	June 10.	June 17.	June 24.	July 1.		
TOTAL Births	-	-	2554	2875	2759	2693	2623	2574	2598	2306	2678	2445	2571	2422	2441
TOTAL Deaths	-	-	181	1624	1499	1478	1397	1428	1419	1360	1483	1365	1316	1355	1297
Ages at Death	Under 1 year	-	341	320	317	325	277	285	277	296	281	289	269	272	266
	1-5 years	-	203	195	186	195	165	196	170	174	188	218	173	199	150
	5-20 "	-	99	79	82	87	84	72	77	73	92	79	71	91	78
	20-40 "	-	227	225	200	172	202	206	219	166	211	197	171	215	212
	40-60 "	-	367	341	303	289	282	282	314	295	351	264	290	279	287
	60-90 "	-	464	378	322	321	305	320	297	289	310	269	260	254	240
80 years and upwards	-	115	86	89	89	82	67	65	73	70	57	52	45	60	60
Deaths from—															
Small pox	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Measles	-	-	29	34	51	45	36	49	51	67	93	64	65	41	51
Scarlet Fever	-	-	8	6	7	6	10	2	9	5	4	5	7	4	11
Diphtheria	-	-	34	20	29	26	21	40	24	23	24	28	35	28	25
Whooping-cough	-	-	58	54	47	54	47	39	39	34	33	27	35	35	26
Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever	-	-	6	14	3	4	7	8	6	4	6	7	6	6	11
Simple Continued Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery	-	-	1	4	7	10	12	9	12	10	13	12	12	9	20
Cholera	-	-	1	1	-	-	-	-	-	-	-	-	-	1	-
All the above Diseases	-	-	146	133	144	145	133	147	141	137	147	173	159	148	144
Dis. of Respiratory System	-	-	470	343	277	294	251	257	257	256	240	216	207	190	159
Phthisis	-	-	174	173	180	140	145	143	170	141	165	141	133	153	153
Dis. of Circulatory System	-	-	152	147	140	114	145	143	137	134	189	110	125	116	124
Violence	-	-	89	83	65	71	73	83	64	68	66	80	60	86	73
Inquest Cases	-	-	189	156	152	137	131	165	141	139	152	156	124	162	143
Deaths in Public Institutions	-	-	534	509	472	432	473	484	452	443	529	467	436	460	456
TEMPERATURE OF THE AIR.															
Mean	-	-	48.9	43.9	43.4	50.1	46.4	50.9	54.4	49.5	58.4	61.1	56.3	60.7	62.3
Mean of Highest readings	-	-	56.1	52.2	52.3	57.3	55.3	62.2	62.7	57.1	70.8	73.3	69.3	69.7	73.1
Mean of Lowest readings	-	-	44.0	37.2	34.7	44.1	37.2	41.7	48.3	43.2	43.6	49.1	45.1	53.7	53.8
Humidity of the Air	-	-	77	80	75	76	67	75	75	78	60	64	67	73	68
Rain-fall (in inches)	-	-	0.49	1.27	0.43	0.79	0.00	0.01	0.97	0.66	0.00	0.00	0.00	0.51	0.74
Registered Sunshine (in hours)	-	-	25.3	21.9	26.5	17.8	49.7	43.0	33.9	29.3	95.9	72.1	68.0	26.2	45.9
CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.															
Small-pox	-	-	1	3	3	3	-	1	1	1	1	1	1	1	2
Scarlet Fever	-	-	2235	2126	2144	2131	2139	2210	2161	2201	2212	2269	2280	2367	2430
Diphtheria	-	-	1126	1068	1031	997	1040	1065	1066	1111	1134	1159	1170	1230	1280
Enteric Fever	-	-	139	129	125	124	118	107	99	102	99	97	93	109	105

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Bobbier, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull





TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER DIARRHOEA, VIOLENCE, &amp;c., registered in each SUB-DISTRICT during the Week ending Saturday, 1st July, 1899.

The DEATHS registered during the Week include																		
REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from												Deaths in Public Institutions
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.			
LONDON -	4,411,710	2441	1297	264	300	-	51	11	25	26	-	11	-	20	73	143	456	
WEST DISTRICTS.																		
St. Mary Paddington } G. & W.	90,996	41	20	9	4	-	-	-	-	1	-	-	-	2	-	1	4	
WHH																		
St. John Paddington H - - G.	33,510	13	10	-	2	-	-	-	-	-	-	-	-	-	2	3	4	
Kensington Town Ww - - W.	122,164	53	42	7	12	-	-	-	-	1	-	-	-	-	3	7	18	
Brompton HH - - W & C.	48,301	14	10	-	2	-	-	-	-	-	-	-	-	-	2	3	4	
North Hammersmith H } W. & G	44,638	30	11	3	2	-	-	-	-	1	-	-	-	1	-	-	-	
South Hammersmith H } W. & G	59,561	30	13	2	4	-	-	-	-	1	-	-	-	3	3	4	-	
Fulham Ww - - W. & C.	113,781	78	36	7	6	-	-	3	2	-	-	1	-	1	1	1	13	
Chelsea Kensal Town - - C.	21,450	11	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Chelsea North WHHHHH - C.	42,057	15	25	1	8	-	-	-	-	1	-	-	-	-	-	1	18	
Chelsea South HH - - C.	33,139	11	5	2	1	-	-	-	-	-	-	-	-	-	-	-	1	
May Fair W - - - G.	23,827	2	10	-	5	-	-	-	-	-	-	-	-	-	1	1	8	
Belgrave WHHH - - - C.	56,140	18	11	-	4	-	-	-	-	-	-	-	-	-	-	-	6	
St. John Westminster HH - - C.	31,492	17	10	1	2	-	-	-	-	-	-	-	-	-	1	1	1	
St. Margaret Westminster H- C.	22,097	6	6	1	1	-	-	-	-	-	-	-	-	-	-	-	4	
St. James Westminster } N. & G.	23,050	10	3	1	2	-	-	-	-	-	-	-	-	1	-	-	1	
WHH																		
St. Anne Soho HHHHHH - N.	12,048	5	4	1	1	-	-	-	-	-	-	-	-	-	-	-	2	
NORTH DISTRICTS.																		
All Souls Marylebone } - - W.	36,595	12	13	1	4	-	-	-	-	-	-	-	-	1	-	-	3	
HHHHHHHH																		
Rectory Marylebone W } G. & W.	19,798	8	9	2	2	-	-	-	-	1	-	-	-	-	-	1	2	
St. Mary Marylebone } G. & W.	19,637	25	9	2	2	-	-	-	-	-	-	-	-	-	1	3	1	
HHHH																		
Christchurch Marylebone H - W	32,547	15	7	4	2	-	1	-	-	-	-	-	-	-	2	3	-	
St. John Marylebone HHH W.	32,611	19	7	1	3	-	-	-	-	-	-	-	-	-	-	-	-	
Hampstead } - N. & W.	75,449	33	15	-	4	-	-	3	2	-	-	-	-	-	1	1	9	
WvHHHH																		
Regent's Park Pancras HH - W.	37,341	9	4	-	2	-	-	-	-	-	-	-	-	-	-	1	-	
Tottenham-court } - N. & W.	26,757	8	10	1	2	-	1	-	-	-	-	-	-	-	1	2	6	
WHHH																		
Gray's Inn Lane HHH - - N.	29,426	12	13	2	2	-	1	-	-	-	-	-	-	-	1	1	8	
Somers Town HH - - - N.	32,161	19	5	3	-	-	-	-	-	-	-	-	-	1	2	2	2	
Camden Town WH - - - N.	16,669	10	10	-	3	-	-	-	-	-	-	-	-	-	2	3	5	
Kentish Town WW - - - N.	98,410	65	22	4	4	-	1	-	-	2	-	-	-	-	1	2	5	
Upper Holloway } - - N.	98,273	56	39	4	9	-	1	-	-	-	1	-	-	-	4	4	27	
WWWvHH																		
Islington South-west H - N.	107,365	49	18	8	3	-	2	-	-	-	-	-	-	-	-	3	-	
Islington South-east - - N.	66,549	33	9	3	1	-	-	-	-	1	-	-	-	-	1	1	-	
Highbury HH - - - N.	64,577	35	11	3	4	-	1	-	-	1	-	-	-	-	-	1	1	
Stoke Newington H - - N.	33,485	13	4	-	1	-	1	-	-	-	-	-	-	-	-	-	-	
North Hackney - - - E. & N.		25	11	2	1	-	1	-	-	-	-	-	-	-	-	-	-	
Central Hackney ww - - E. & N.		25	16	4	5	-	-	-	2	-	-	-	-	-	2	3	2	
South-west Hackney HHH E. & N.	213,044	35	13	6	3	-	1	-	-	-	-	1	-	-	-	1	2	
South-east Hackney WvH E. & N.		29	22	5	6	-	-	-	-	-	-	-	-	1	3	3	10	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there, namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. signify Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. N. River; E. East London; and K. the Kent Company.

\* See note † on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and re-named North Hammersmith and South Hammersmith, respectively.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHOEA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 1st July, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation 1896.	Total BIRTHS.	The DEATHS registered during the Week include															Deaths in Public Institutions	Un- certified Causes of Death.
			Total DEATHS	Deaths of		Deaths from													
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence	Inquest Cases			
CENTRAL DISTRICTS.																			
George Bloomsbury - - N.	16,110	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Giles South WH - - N.	12,976	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Giles North H - - N.	2,151	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Martin-in-the-Fields HHN. & C.	13,077	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
Grand WHH - - N.	11,839	5	-	1	-	-	-	-	-	-	-	-	-	-	1	1	3		
Grand Union Workhouse, Edmonton	†1,037	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	4		
Colborn w HHHHHHHH - - N.	31,042	8	16	6	2	-	-	-	-	-	1	-	-	-	-	2	7		
James Clerkenwell - - N.	15,777	9	5	3	1	-	1	-	-	-	-	-	-	-	-	-	-		
St. Andrew Clerkenwell - - N.	34,356	21	8	-	1	-	1	-	-	-	-	-	-	-	-	-	-		
St. Andrew-street - - N.	16,069	9	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew-road HHHH - - N.	29,697	24	6	1	1	-	-	-	-	-	-	-	-	1	1	-	-		
Whitecross-street - - N.	7,595	3	2	1	1	-	-	-	-	-	-	-	-	1	1	1	2		
St. Andrew - - N.	4,035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Colborn Union Workhouse, } Mitham - - - - -	†892	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1		
Botolph H - - N. & E.	6,870	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew-legate - - N.	3,299	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre WH - - N.	9,591	3	12	1	-	-	-	-	-	-	-	1	-	-	-	-	-		
St. Andrew-hallows Barking - - N.	9,059	3	-	-	-	-	-	-	-	-	-	-	-	-	1	3	8		
St. Andrew-road Street H - - N.	2,892	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew of London Asylum, Stone - -	†388	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
EAST DISTRICTS.																			
St. Andrew-ditch South H - - E. & N.	17,975	4	3	-	-	-	1	-	-	-	-	-	-	-	-	-	1		
St. Andrew-ton New Town w - - N.	29,575	14	6	-	3	-	1	-	-	-	-	-	-	-	-	-	-		
St. Andrew-ton Old Town - - N.	27,645	11	8	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew-ggerston WH - - N. & E.	47,163	30	17	5	5	-	-	-	-	1	-	-	-	-	2	3	7		
St. Andrew-thal Green North H - - E.	49,301	39	15	5	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew-thal Green South - - E.	34,194	28	6	4	2	-	-	-	-	-	-	-	-	1	2	4	2		
St. Andrew-thal Green East WH - - E.	45,667	31	21	5	5	-	-	-	-	1	-	-	-	-	1	1	8		
St. Andrew-talfields - - E. & N.	26,681	25	5	2	1	-	-	-	-	1	-	-	-	-	-	-	-		
St. Andrew-le End New Town* WH - - E.	51,095 {	26	45	11	3	-	1	-	2	-	-	1	-	-	3	8	38		
St. Andrew-dman's Fields* - - E.		17	4	1	1	-	-	-	-	1	-	-	-	-	-	-	-		
St. Andrew-George's North - - E.	39,576	50	14	6	2	-	-	-	-	-	-	-	-	1	1	2	-		
St. Andrew-John, St. George East W E.	7,930	2	8	3	4	-	1	-	-	-	-	-	-	-	1	5	-		
St. Andrew-dwell H - - E. & N.	10,434	4	8	4	-	-	-	-	-	-	-	-	-	-	-	-	6		
St. Andrew-cliff W - - E.	14,954	9	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. Andrew-house - - E.	32,917	19	7	-	3	-	1	-	-	-	-	-	-	-	-	-	-		
St. Andrew-le End Old Town West H E.	111,060 {	45	19	6	4	-	1	-	-	1	-	-	-	1	-	5	1		
St. Andrew-le End Old Town East W W.		29	10	-	5	-	1	-	-	-	-	-	-	-	1	1	7		
St. Andrew-v l - - E.	41,687	30	11	2	2	-	-	-	-	-	-	-	-	-	-	-	4		
St. Andrew-mley w w w H - - E.	69,821	40	26	3	8	-	3	-	-	-	-	-	-	-	-	2	15		
St. Andrew-lar WW - - E.	57,759	28	16	5	3	-	3	1	1	-	-	1	-	-	-	1	-		

† Population in 1891, not included in the total population of the Central Districts or of London.  
Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.



TABLE 5 LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX MEASLES SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 1st July, 1899—continued.

REGISTRATION SUB-DISTRICTS		Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	The DEATHS registered during the Week include													Deaths in Public Institutions	
					Deaths of Infants under 1 Year of Age.	Persons aged 50 Years and upwards.	Deaths from												Inquest Cases.
							Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Continued Fever.	Diarrhoea.	Violence.			
SOUTH DISTRICTS.																			
Christchurch Southwark	WHL & S.	13,064	6	2	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-
St. Saviour Southwark	- S.	12,301	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kent-road	- S. & L.	22,879	14	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borough-road	WH	16,083	17	3	1	-	-	-	-	-	-	-	-	-	-	-	1	1	6
London-road	HL	21,316	12	5	1	1	-	-	1	-	1	-	-	-	-	-	1	1	1
Trinity Newington	- S. & L.	28,723	16	5	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
St. Peter Walworth	W	62,045	47	18	8	4	-	-	-	-	1	-	-	-	-	-	1	5	1
St. Mary Newington	- L. & S.	30,171	23	7	2	1	-	-	-	-	2	-	-	-	-	-	-	-	-
St. Olave	WH	11,731	7	18	2	2	-	1	-	-	-	-	-	-	-	-	1	2	16
Bermondsey	W	85,475	56	24	8	5	-	-	-	-	2	-	-	-	-	-	1	2	1
Rotherhithe	WwH	40,379	25	9	1	4	-	-	-	-	-	-	-	-	-	-	-	1	6
Waterloo-road	HH	28,396	22	6	5	-	-	-	-	-	1	-	-	-	-	-	-	-	2
Lambeth Church 1st	H	18,770	15	17	2	2	-	-	-	-	-	-	-	-	-	-	2	2	14
Lambeth Church 2nd	WW	40,994	26	20	5	3	-	-	-	-	1	-	1	-	-	-	2	3	11
Kennington 1st	H	52,486	34	11	1	3	-	2	-	-	-	-	-	-	-	-	-	1	-
Kennington 2nd	-	43,244	22	6	1	2	-	-	-	-	1	-	1	-	-	-	-	-	-
Brixton	w	81,825	43	14	2	-	-	1	-	-	-	-	1	-	-	-	1	1	3
Norwood	WH	29,318	23	4	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-
East Battersea	-	71,730	49	11	4	1	-	-	-	-	-	-	-	-	-	-	-	2	-
West Battersea	WwH	93,385	42	29	5	11	-	2	-	-	-	-	-	-	-	-	2	5	15
Clapham	H	46,953	30	11	1	5	-	-	-	1	-	-	-	-	-	-	1	1	1
Wandsworth	WHHL	58,101	30	13	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Putney	-	20,566	12	5	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Streatham	WwuuL	61,644	34	16	4	3	-	-	-	3	1	-	-	-	-	-	1	-	3
Dulwich	-	7,519	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell	Wwll	90,286	47	41	3	15	-	1	-	-	-	-	-	-	-	-	-	4	26
Peckham	WW	88,242	42	28	7	9	-	4	-	-	-	-	-	-	-	-	-	-	-
St. George Camberwell	- L. & S.	67,029	32	21	5	4	-	5	-	-	2	-	-	-	-	1	1	2	-
Deptford North	-	36,152	22	10	4	2	-	2	-	-	1	-	-	-	-	1	-	-	-
Deptford Central	w	45,441	30	13	4	1	-	1	-	3	-	-	1	-	-	-	-	-	4
Deptford South	-	33,402	16	5	-	3	-	-	-	1	-	-	-	-	-	-	-	-	-
Greenwich West	H	23,012	11	4	1	1	-	1	-	1	-	-	-	-	-	-	-	-	-
Greenwich East	WH	37,767	20	17	1	6	-	1	-	-	-	-	-	-	-	-	-	-	14
Eltham	wH	5,911	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Lee	H	24,222	16	6	2	2	-	1	-	-	-	-	-	-	-	-	-	1	-
Lewisham	WwH	38,139	20	16	3	4	-	-	-	-	-	-	-	-	-	1	1	1	5
Sydenham	H	37,601	23	9	2	3	-	-	-	-	1	-	-	-	-	-	-	1	1
Charlton	wHH	15,928	16	7	1	1	-	-	-	1	1	-	-	-	-	-	-	-	3
Woolwich Dockyard	-	19,355	11	7	2	1	-	-	-	-	1	-	-	-	-	-	-	-	-
Woolwich Arsenal	HHHH	21,950	11	4	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-
Plumstead West	H	16,714	17	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Plumstead East	WH	42,538	27	10	-	1	-	-	-	-	-	-	-	-	-	-	-	-	4
Banstead Asylum	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2
Caterham Asylum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cane Hill Asylum	-	-	-	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-	6
Hospital Ships and Camp, Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Darenth Asylum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London County Asylum	Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heath	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hanwell Asylum	-	-	-	6	-	4	-	-	-	-	-	-	-	-	-	-	-	-	6
Colney Hatch Asylum	-	-	-	3	-	1	-	-	-	-	-	-	1	-	-	-	-	-	3
N.E. Hospital	-	-	-	3	-	-	-	-	-	3	-	-	-	-	-	-	-	-	5
Winchmore Hill Hospital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leavesden Asylum	-	-	-	4	-	1	-	-	-	-	-	-	1	-	-	-	-	-	4
Claybury Asylum	-	-	-	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	4

TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 1st July, 1899.

Registration District and Sub-district Numbers.		REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu-merated Popu-lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													
							Deaths of		Deaths from											
							Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.	
30:1	Carshalton <i>WHH</i>	-	368,749	1,422,063	965	407	96	109	-	15	2	12	17	4	10	21	28	62	4	
2	Epsom, <i>part of</i> * <i>WwHH</i>	-	12,228	26,168	14	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
			10,423	12,508	9	4	-	1	-	-	-	-	-	-	-	-	-	2	-	
37:1	Godstone, <i>part of</i> * <i>W</i>	-	2,754	1,598	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
38:1	Croydon <i>WwHHH</i>	-	20,851	128,699	72	36	8	15	-	3	-	-	-	-	-	2	2	9	-	
2	Mitcham <i>w</i>	-	11,897	23,072	17	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
39:1	Wimbledon <i>HHH</i>	-	3,220	25,777	20	11	3	3	-	-	-	-	-	-	-	-	-	-	-	
2	Kingston <i>WH</i>	-	-	33,566	14	10	-	6	-	-	-	1	-	-	-	-	-	1	5	
3	Surbiton <i>H-</i>	-	14,072	12,178	3	1	-	-	-	-	-	-	-	-	-	1	1	1	-	
4	Esher, <i>part of</i> * <i>HH</i>	-	-	11,080	4	8	3	3	-	-	-	-	-	-	-	-	-	1	-	
5	Hampton <i>HL</i>	-	4,565	18,252	13	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
40:1	Richmond <i>WH</i>	-	2,160	25,389	8	6	-	2	-	-	-	-	-	-	-	-	-	-	-	
2	Mortlake <i>H</i>	-	2,823	16,159	5	5	1	4	-	-	-	-	-	-	-	1	1	-	3	
41:1	Bromley <i>HHH</i>	-	9,127	23,815	14	4	-	1	-	-	-	-	-	-	-	1	1	-	-	
2	Beckenham <i>H-</i>	-	6,542	21,969	9	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
3	Chislehurst, <i>part of</i> * <i>WHH</i>	-	14,307	20,372	9	6	2	3	-	1	-	-	-	-	-	1	1	-	-	
42:1	Bexley <i>HHH</i>	-	12,540	30,590	23	8	2	2	-	1	-	-	-	-	-	1	1	-	1	
2	Dartford <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
24:1	Sunbury <i>w</i>	-	11,054	13,671	8	5	-	4	-	-	-	-	-	-	-	2	2	-	-	
2	Staines <i>WH</i>	-	13,277	13,221	9	4	1	1	-	-	-	-	-	-	-	1	1	1	-	
25:1	Hillingdon <i>WHH</i>	-	6,035	12,237	6	4	-	1	-	-	-	1	-	1	-	1	1	1	-	
2	Uxbridge	-	12,757	7,253	5	4	1	-	-	-	-	2	1	-	-	-	-	-	-	
3	Hayes <i>WH-</i>	-	7,952	11,051	10	3	-	-	-	1	-	1	1	-	-	-	-	-	-	
26:1	Isleworth <i>WHH</i>	-	6,967	26,004	17	9	1	3	-	-	-	-	1	-	-	-	-	5	-	
2	Twickenham <i>HH</i>	-	2,415	16,027	13	1	1	-	-	-	-	-	2	-	-	-	-	-	-	
3	Brentford <i>HHHH</i>	-	4,318	37,777	17	17	3	6	-	1	-	1	-	1	-	1	1	1	-	
4	Chiswick	-	1,245	21,963	18	6	1	2	-	-	-	-	-	-	-	-	-	-	-	
5	Acton <i>WHH</i>	-	6,132	30,945	16	5	3	-	-	-	-	-	-	-	-	-	-	-	-	
27:1	Harrow <i>HHH</i>	-	13,809	15,715	10	2	-	-	-	-	-	-	1	-	-	-	-	-	-	
2	Edgware <i>HH</i>	-	6,994	3,844	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden <i>HHH</i>	-	4,383	61,265	52	25	9	3	-	-	2	1	1	-	-	1	2	-	-	
4	Hendon <i>WH</i>	-	8,382	15,843	21	7	3	2	-	-	-	1	1	-	1	1	1	3	-	
28:1	South Mimms <i>HH</i>	-	21,077	6,367	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet <i>WHH</i>	-	-	14,152	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Finchley <i>HHH</i>	-	4,688	25,820	11	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
29:1	Hornsey <i>HH</i>	-	3,039	61,097	35	9	2	1	-	1	1	1	-	-	-	-	-	1	-	
2	Tottenham <i>HH-</i>	-	4,642	97,174	74	21	3	5	-	-	-	-	1	-	-	-	1	1	-	
3	Edmonton <i>WwW</i>	-	7,489	36,351	34	13	2	3	-	-	-	1	1	-	-	2	2	3	-	
4	Enfield <i>WWHH</i>	-	12,602	31,536	26	12	4	2	-	2	-	-	-	-	-	-	-	2	-	
5	Waltham Abbey	-	11,017	6,066	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt <i>H</i>	-	8,480	9,620	6	6	1	3	-	-	1	-	-	-	-	-	-	-	-	
30:1	Hatfield, <i>part of</i> * <i>W-</i>	-	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Bushey <i>H-</i>	-	9,331	7,737	2	3	-	1	-	-	-	-	-	-	-	-	-	-	1	
3	Watford <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
31:1	Stratford <i>H</i>	-	-	38,612	24	14	4	4	-	-	-	1	-	-	1	-	2	1	-	
2	Plaistow <i>WHHH</i>	-	-	53,030	42	14	5	2	-	-	-	-	-	-	-	-	1	1	-	
3	Canning Town <i>H</i>	-	4,706	54,750	52	23	8	2	-	1	-	2	2	-	-	1	1	-	-	
4	Forest Gate <i>w</i>	-	-	53,511	24	10	2	3	-	-	-	-	-	-	-	-	-	-	-	
5	East Ham <i>WHH</i>	-	3,266	32,713	43	12	7	2	-	2	-	1	1	-	-	-	1	-	-	
6	Leyton <i>WWWwH</i>	-	4,334	70,188	46	28	6	5	-	-	-	1	1	-	5	-	-	14	-	
7	Walthamstow <i>HHL</i>	-	6,501	57,330	55	21	5	5	-	2	-	2	-	2	1	1	1	1	2	
32:1	Chigwell, <i>part of</i> * <i>HHHH</i>	-	11,779	12,941	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Epping <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
33:1	Romford, <i>part of</i> * <i>WH</i>	-	6,556	4,324	1	1	-	1	-	-	-	-	-	-	-	-	-	1	-	
2	Ilford	-	8,493	10,913	20	4	1	1	-	-	-	1	-	-	-	-	-	-	-	
3	Barking Town, <i>H</i>	-	3,814	14,301	16	10	2	2	-	1	-	-	-	1	4	4	-	-	-	
	London Co. Lunatic Asy., Cane Hill.	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warringham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,232); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in field sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (p. 1,079); 139: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for various Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 1st July, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Deaths in Public Institutions.	
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.				
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.			
GREATER LONDON	443,421	6,528,434	13·6	1·6	1704	360	409	-	66	13	37	43	15	30	94	518			
INNER LONDON -	74,672	4,546,752	14·9	1·6	1297	264	300	-	51	11	25	26	11	20	73	456			
OUTER RING -	368,749	1,981,682	10·7	1·6	407	96	109	-	15	2	12	17	4	10	21	62			

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
EDINBURGH -	298,927	July	1	178	103	18·0	-	2	-	4	2	4	
GLASGOW -	733,903	"	1	471	248	17·6	-	11	6	2	-	11	
DUBLIN -	349,594	"	1	258	154	23·0	-	-	1	5	1	3	
CALCUTTA -	466,460	May	20	-	253	28·2	-	-	-	-	91†	42†	
BOMBAY -	821,764	June	6	155	565	35·8	4	18	-	-	120†	57	
MADRAS -	452,518	May	19	318	305	35·0	1	5	-	-	56	72	
PARIS -	2,511,629	June	24	1101	886	18·3	-	30	7	11*	6	39	
BRUSSELS -	551,011	"	24	253	185	27·8	-	2	-	2*	2	20	
AMSTERDAM -	512,758	"	17	283	148	14·9	-	-	-	-	1	-	
ROTTERDAM -	311,301	"	17	212	84	13·9	-	-	-	2	-	-	
THE HAGUE -	196,325	"	17	108	50	13·1	-	-	-	1	-	-	
COPENHAGEN -	345,000	"	24	178	111	16·8	-	-	2	-	1	6	
STOCKHOLM -	283,550	"	17	161	114	20·3	-	3	1	6*	-	10	
CHRISTIANIA -	203,337	"	24	173	58	13·5	-	1	-	-	-	6	
ST. PETERSBURG	1,132,677	"	17	587	549	25·3	5	21	2	21	5	50	
MOSCOW -	988,610	"	17	-	578	30·5	8	4	4	9	4	133	
BERLIN -	1,805,054	"	10	829	07	17·5	-	16	11	9	8	57	
HAMBURG -	675,351	"	24	-	217	16·7	-	-	1	1*	6	14	
DRESDEN -	389,300	"	3	-	-	-	-	-	-	-	-	-	
BRESLAU -	406,012	"	24	-	216	27·7	-	2	6	3	1	26	
MUNICH -	445,000	"	17	315	215	25·1	-	-	1	1*	-	47	
VIENNA -	1,606,629	"	24	977	643	20·6	-	18	6	8*	1	69	
PRAGUE -	380,497	"	24	-	-	-	-	-	-	-	-	-	
BUDA-PESTH -	666,722	"	17	482	275	21·4	-	3	5	4	-	9	
TRIESTE -	165,913	"	17	92	80	25·0	-	-	4	1*	1	9	
ROME -	500,610	May	27	172	142	14·8	-	-	-	-	4	13	
TURIN (10 days)	344,203	"	10	-	-	-	-	-	-	-	-	-	
VENICE -	169,883	June	10	88	71	21·8	-	1	-	1*	-	3	
CAIRO -	570,062	April	15	-	-	-	-	-	-	-	-	-	
ALEXANDRIA -	319,766	"	15	-	-	-	-	-	-	-	-	-	
NEW YORK (including BROOKLYN)	3,550,053	June	3	1341	1292	19·0	2	19	14	46	11	19	
PHILADELPHIA -	1,266,832	"	10	-	478	19·7	-	-	3	14	5	21	

\* Including deaths from croup.  
 † Including 19 deaths from plague in Calcutta and 66 in Bombay.  
 Including 14 deaths from cholera.





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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 16·0 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	June 17.	June 24.	July 1.	July 8.		June 17.	June 24.	July 1.	July 8.
33 Great Towns	16·5	16·3	15·7	16·0	Leicester - -	15·6	13·7	13·9	16·3
Birkenhead -	15·8	13·6	12·7	14·5	Liverpool - -	20·6	21·9	21·3	24·2
Birmingham -	19·4	16·8	15·4	12·9	London - - -	15·1	15·5	14·9	15·0
Blackburn -	17·0	13·1	10·4	12·3	Manchester -	24·8	21·0	21·3	24·8
Bolton - - -	16·4	13·8	13·5	14·5	Newcastle-on-Tyne	15·5	18·3	14·6	16·6
Bradford - -	15·9	14·8	14·8	12·1	Norwich - - -	14·7	18·9	13·4	12·9
Brighton - -	11·4	15·7	14·8	14·0	Nottingham -	17·4	16·8	12·9	17·0
Bristol - - -	17·2	15·3	15·1	14·1	Oldham - - -	16·6	18·0	14·2	17·3
Burnley - - -	21·7	14·3	18·9	16·1	Plymouth - -	17·6	19·7	13·5	18·1
Cardiff - - -	9·3	15·7	13·5	15·2	Portsmouth -	15·0	14·2	15·0	11·8
Croydon - - -	9·0	8·2	15·5	10·6	Preston - - -	15·1	14·6	13·7	14·6
Derby - - - -	13·7	13·2	16·7	12·7	Salford - - -	22·0	17·4	17·9	19·4
Gateshead - -	19·6	17·6	22·5	15·7	Sheffield - -	18·2	19·2	20·6	21·5
Halifax - - -	20·8	13·9	12·8	16·0	Sunderland -	17·9	15·4	16·1	15·8
Huddersfield -	13·6	16·1	13·6	17·6	Swansea - - -	17·1	15·1	13·1	12·1
Hull - - - - -	16·5	14·0	17·4	15·4	West Ham - -	11·8	13·9	11·8	10·8
Leeds - - - -	16·6	15·9	14·4	15·1	Wolverhampton	14·1	22·9	17·6	14·7

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·2 in Sheffield, 1·3 in Liverpool, 1·4 in Portsmouth, 1·8 in Burnley, 1·9 in Salford, and 2·2 in Manchester; from *scarlet fever*, 1·1 in Halifax and 1·8 in Burnley; from *whooping-cough*, 1·1 in Portsmouth, 1·2 in Blackburn, and 1·4 in Burnley; and from *diarrhœa*, 1·3 in Nottingham, 1·4 in Birkenhead, 1·6 in Liverpool, and 1·7 in Sheffield. In none of the thirty-three towns did the death-rate from "*fever*" reach 1·0 per 1000. The 81 deaths from *diphtheria* included 31 in London, 7 in Leicester, 7 in Leeds, 7 in Sheffield, 6 in Liverpool, 5 in West Ham, 3 in Swansea, and 3 in Birmingham. Six deaths from *small-pox* were registered in Hull, but not one in any other of the thirty-three towns.

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained



## LONDON.

In LONDON\* 2484 BIRTHS and 1310 DEATHS were registered. Allowing for increase of population, the births were 122, and the deaths 199, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 15.1, 15.5, and 14.9 in the preceding three weeks, rose again last week to 15.0. During the four weeks ending on Saturday last the death-rate averaged 15.1 per 1000, being 1.8 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1310 deaths included 50 from measles, 12 from scarlet fever, 31 from diphtheria, 27 from whooping-cough, 7 from enteric fever, 28 from diarrhoea and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 155 deaths were referred to these diseases, being 129 below the corrected average weekly number.

The deaths from *measles*, which had been 64, 65, and 51 in the preceding three weeks, were 50 last week, the corrected average being 63; 6 cases belonged to Lambeth, 5 to Camberwell, and 5 to Whitechapel sanitary areas. The deaths from *scarlet fever*, which had been 7, 4, and 11 in the preceding three weeks, were 12 last week, the corrected average being 17; 3 cases belonged to Islington sanitary area. The deaths from *diphtheria*, which had been 35, 28, and 25 in the preceding three weeks, rose again last week to 31, but were 8 below the corrected average; 5 cases belonged to Camberwell, 3 to St. Margaret Westminster, 3 to Hackney, 3 to Lambeth, and 3 to Lewisham sanitary areas. The deaths from *whooping-cough*, which had been 35, 35, and 26 in the preceding three weeks, were 27 last week, the corrected average being 42; 5 cases belonged to Poplar sanitary area. The fatal cases of *enteric fever*, which had been 6, 6, and 11 in the preceding three weeks, fell again last week to 7, the corrected average being 8; 2 cases belonged to Poplar sanitary area. The deaths from *diarrhoea*, which had been 12, 9, and 20 in the preceding three weeks, further rose last week to 28, but were 83 below the corrected average. Of the 28 deaths from diarrhoea, 21 were of children under 5 years of age; 17 more deaths at this age-period were described as due to gastro-enteritis, which appears as a separate heading in Table 4. The deaths referred to diseases of the respiratory organs, which had been 207, 190, and 159 in the preceding three weeks, rose again last week to 194, and were 11 above the corrected average. The deaths attributed directly to *influenza* numbered 11, having been 13, 12, and 12 in the preceding three weeks.

Different forms of violence caused 49 deaths, concerning all but 2 of which inquests were held. Of these 49 deaths, 13 were cases of suicide, and 2 of homicide, while the remaining 34 were attributed to accident or negligence. Two of these were referred to vehicles in the streets, 3 to drowning, 1 to the effects of nitrous oxide administered for surgical purposes, and 6 (of infants under one year of age) to suffocation in bed.

## CASES OF INFECTIOUS SICKNESS IN HOSPITALS.†

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2526 cases of scarlet fever, 1351 of diphtheria, and 94 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 315 cases, against 262, 335, and 302; of diphtheria, 218 cases, against 171, 204, and 225; and of enteric fever, 11 cases, against 20, 26, and 17.

\* Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

† The figures for the Hospitals represent patients certified on admission to be suffering from Small-pox, Scarlet Fever, Diphtheria, Enteric Fever, or Typhus respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.

## DEATHS of PERSONS BELONGING to LONDON and its SANITARY AREAS,

REGISTERED in the 13 WEEKS ENDING 1st JULY, 1899.

SANITARY AREAS.	Total Deaths from all Causes	Deaths from Principal Zymotic Diseases.									Deaths from Phtisias.	Deaths of Infants under 1 Year of Age.	Deaths under 1 Year to 1000 Births registered.
		Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping cough.	Typhus.	Enteric Fever.	Simple and undefined Fever.	Diarrhoea.			
REGISTRATION LONDON	18,317	1	694	84	353	526	-	84	-	141	1,925	3,805	113
West.													
Paddington - - -	456	-	2	-	6	11	-	-	-	4	32	72	99
Kensington - - -	647	-	3	-	3	29	-	4	-	2	47	110	124
Hammersmith - -	459	-	14	3	7	17	-	-	-	3	52	92	119
Fulham - - -	503	-	11	7	9	18	-	2	-	7	52	143	129
Chelsea - - -	410	-	1	4	7	10	-	1	-	-	45	65	90
St. George Hanover Square -	253	-	9	2	3	2	-	4	-	1	27	35	107
St. Margt & St. John Westr. -	241	-	6	3	2	1	-	1	-	-	29	39	132
St. James Westminster -	77	-	-	-	-	1	-	-	-	1	15	13	108
North.													
St. Marylebone - - -	571	1	7	3	6	10	-	4	-	6	62	90	89
Hampstead - - -	225	-	12	1	3	3	-	-	-	-	16	40	93
St. Pancras - - -	1,036	-	37	6	29	38	-	4	-	8	114	201	116
Islington - - -	1,281	-	56	5	13	55	-	4	-	10	132	258	106
Stoke Newington - -	104	-	5	1	1	2	-	1	-	1	7	16	81
Hackney - - -	863	-	61	5	16	9	-	3	-	6	81	183	111
Central.													
St. Giles - - -	174	-	3	-	1	-	-	-	-	3	30	27	99
St. Martin-in-the-Fields -	43	-	2	-	1	-	-	-	-	-	4	9	346
Strand - - -	115	-	1	1	4	-	-	-	-	1	10	15	122
Holborn - - -	183	-	6	1	1	6	-	2	-	3	22	40	208
Clerkenwell - - -	230	-	12	1	4	7	-	4	-	4	31	61	122
St. Luke - - -	258	-	9	1	-	6	-	-	-	2	30	45	107
City of London - - -	121	-	3	1	3	2	-	1	-	-	16	16	123
East.													
Shoreditch - - -	561	-	28	2	12	11	-	1	-	7	53	139	139
Bethnal Green - - -	590	-	24	1	9	12	-	3	-	19	80	133	114
Whitechapel - - -	371	-	16	-	4	7	-	-	-	3	54	98	114
St. George-in-the-East -	296	-	25	1	3	7	-	2	-	3	27	85	142
Limehouse - - -	354	-	39	1	9	11	-	3	-	4	30	78	160
Mile End Old Town - -	509	-	14	-	7	21	-	3	-	3	51	107	96
Poplar - - -	745	-	38	3	15	31	-	6	-	5	90	174	121
South.													
St. Saviour - - -	124	-	2	-	2	4	-	-	-	1	20	18	105
St. George-the-Mar.Southwk.	339	-	8	-	16	15	-	2	-	3	48	89	168
Newington - - -	581	-	12	5	26	28	-	4	-	5	64	131	127
St. Olave - - -	37	-	1	-	-	-	-	-	-	2	4	5	63
Bermondsey - - -	428	-	8	5	14	15	-	3	-	1	42	97	133
Rotherhithe - - -	184	-	1	1	2	4	-	1	-	-	11	41	132
Lambeth - - -	1,215	-	73	4	31	43	-	7	-	3	119	259	108
Battersea - - -	531	-	10	3	9	22	-	1	-	1	69	138	110
Wandsworth - - -	671	-	8	-	13	16	-	3	-	4	68	150	104
Camberwell - - -	940	-	51	2	24	29	-	-	-	4	92	212	116
Greenwich - - -	693	-	54	6	17	12	-	4	-	3	74	136	101
Lee - - -	122	-	8	-	4	3	-	1	-	1	15	19	70
Lewisham (excluding Penge)	323	-	11	1	13	5	-	1	-	1	21	53	79
Woolwich - - -	195	-	2	2	2	1	-	1	-	4	24	40	124
Plumstead - - -	198	-	1	-	2	2	-	-	-	3	15	43	83

In the above Table all deaths of persons in, or on the way to, Hospitals and other Public Institutions, as well as those of persons under treatment in surgical homes, or dying by accident or otherwise in the streets, have been distributed, as far as practicable, to the sanitary areas in which the deceased had previously resided. The deaths of 449 London residents who died outside Registration London in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, the City of London Lunatic Asylum at Stone, and the Metropolitan Hospitals and Asylums, have been similarly distributed. In 526 cases the previous residence was outside Registration London, and these have been excluded from the Table.

## GREATER LONDON.

In Greater London 3495 births and 1710 deaths were registered, corresponding to annual rates of 27.9 and 13.7 per 1000 of the estimated population. In the Outer Ring 11 deaths from measles, 1 from scarlet fever, 12 from diphtheria, 13 from whooping-cough, and 11 from diarrhoea were registered. Five deaths from measles occurred in Edmonton district; 6 deaths from diphtheria occurred in West Ham district.



## METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·90 inches, and that of the Thermometer 62°·3; the latter being 0°·4 above the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 5 per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 31·4 hours; the measured rainfall amounted to 0·13 of an inch.

## RETURNS OF LONDON WATER COMPANIES.

The LONDON WATER COMPANIES have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of June 1899. The supply was in the ratio of 266 gallons to one service.

COMPANIES.	Number of Services.		Daily Supply of Water in Gallons.	
	JUNE, 1898.	JUNE, 1899.	JUNE, 1898.	JUNE, 1899.
TOTAL SUPPLY - - - -	861,711	882,864	215,691,559	234,661,844
From Thames - - - - -	414,708	423,481	114,516,958	126,205,109
From Lea and from other Sources -	447,003	459,383	101,174,601	108,456,735
THAMES.				
Chelsea - - - - -	37,926	38,306	12,358,121	14,412,567
West Middlesex - - - - -	82,546	84,248	28,124,983	24,650,120
Southwark and Vauxhall - - - -	121,745	122,866	33,324,403	35,135,630
Grand Junction - - - - -	62,614	64,575	20,540,434	22,794,262
Lambeth - - - - -	109,877	113,486	25,169,067	29,212,530
LEA AND OTHER SOURCES.				
New River - - - - -	164,354	166,766	38,403,963	43,482,015
East London - - - - -	194,871	201,194	45,766,743	45,471,272
Kent - - - - -	87,778	91,423	17,003,895	19,503,448

*Note.*—The Return for June 1899, as compared with that for the corresponding month of 1898, shows an increase of 21,153 services and 18,970,285 gallons of water supplied daily.

## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING JUNE, 1899.

*Water-analysis Laboratory, The Yews, Reigate,*

*28th of June, 1899.*

SIR,

I HAVE to report to you the results of the chemical analysis, and of the physical and bacterioscopic examination of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of June.

These examinations include (a) the bacterioscopic and chemical condition of the raw river waters at the intakes of the various Companies, and (b) the bacteriology of the water as it issues from the filter beds of each Company, and before it is pumped into the distributing mains.

I append, also, the results obtained in the analysis of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill, of Birmingham, and Dr. Mills, of Glasgow.

Taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December 1876, as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies, was:—Kent 0·4, New River 1·1, East London (deep well) 1·6, East London (river supply) 2·2, Chelsea and Southwark 2·3, West Middlesex and Grand Junction 2·4, and Lambeth 2·5.

The unfiltered river waters contained the following proportions:—Thames at Hampton 5·7, New River Cut 2·2, and Lea at Angel Road 5·4.

The Thames at Hampton was, on June 20th, turbid and pale yellow in colour. It was of fairly good chemical and bacterial quality. The water supplied by the five Companies drawing from this river was, in every case, efficiently filtered before delivery; and was of excellent quality for dietetic and all domestic purposes. The Southwark Company's general supply from Hampton, however, seriously infringed the bacterial standard of 100 microbes per cubic centimetre. In comparison with the water passing the intakes, the bacterial improvement effected by the Thames Companies is expressed by the following percentage numbers:—Chelsea 99·31, West Middlesex 99·65, Southwark (general supply from Hampton) 89·86, Grand Junction (general filter well at Hampton) 96·48, (general supply from Kew) 98·07, (South filter well at Kew) 99·31, and Lambeth 99·59.



# *Analysis of Metropolitan Waters.*

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

	COMPANIES OR LOCAL AUTHORITIES.	Date and Place of Collection.	Temperature in Fahrenheit degrees.	Total Solid Matter.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen as Ni- trates and Nitrites.	Total Combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.		°								
	(Unfiltered water) -	{ June 20th, Grand Junction Co.'s intake at Hampton. }	19.0	26.80	.281	.054	.006	.134	.193	1.7	19.7
	Chelsea - - -	{ June 23rd, Cab Rank, Horse Guards, Whitehall. }	18.2	25.84	.122	.013	0	.165	.178	1.7	18.0
	West Middlesex -	{ June 23rd, Cab Rank, Riding House- street. }	15.5	25.90	.124	.015	0	.163	.178	1.7	18.0
	Southwark - - -	{ June 23rd, Cab Rank, Bricklayers' Arms, Old Kent Road. }	18.5	25.96	.124	.014	0	.128	.142	1.6	18.3
	Grand Junction -	{ June 23rd, Cab Rank, Portman- street, Oxford-street. }	18.7	25.94	.130	.012	0	.144	.156	1.7	18.0
	Lambeth - - -	{ June 23rd, Cab Rank, St. George's- road, Southwark. }	19.1	26.30	.132	.016	0	.171	.187	1.7	19.1
	LEA.										
	(Unfiltered water) -	{ June 22nd, New River Cut at Green Lanes. }	16.3	33.03	.118	.015	.008	.156	.178	1.8	21.5
	New River - - -	{ June 23rd, Cab Rank, Tottenham Court-road. }	17.7	31.46	.061	.007	0	.176	.183	1.8	20.0
Outer Circle.	(Unfiltered water) -	{ June 22nd, Lea at Angel-road. }	18.7	29.76	.271	.046	.012	.137	.193	2.0	20.0
	East London - -	{ June 23rd, Cab Rank, Sidney-street, E. }	17.8	28.50	.118	.013	0	.113	.126	2.0	18.9
	DEEP WELLS.										
	Kent - - - -	{ June 23rd, Police Station, Blackheath-road. }	13.5	37.70	.023	.003	0	.465	.468	2.1	27.2
	East London - -	{ June 22nd, East Ham Well. }	—	40.52	.073	.020	.012	.014	.069	4.3	11.5
	Corporation of Birming- ham* - - - -	{ June 12th, Rear 277 and 279, High-street, Harborne. }	16.1	33.2	.18	.03	0	.20	.23	2.2	18.0
	Corporation of Glasgow†	{ June 15th, Loch Katrine water. }	15.4	2.76	.172	.021	0	.003	.024	0.6	1.4
	Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

\* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers contained in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus:—The Thames water collected on the 20th June at the Grand Junction Company's intake at Hampton had a temperature of 19.0° C.; 100,000 lbs. of it contained 26.80 lbs. of solid matter in solution; the organic substances, constituting a portion of this matter, contained .281 lb. of carbon and .054 lb. of nitrogen. The above quantity of water also contained .006 lb. of ammonia and .134 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was .193 lb. The above weight of water also contained 1.7 lb. of chlorine, and 19.7 lbs. of carbonate of lime, or an equivalent amount of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

The New River Cut, before entering the storage and subsidence reservoirs of the New River Company, was, on June 22nd, turbid and very pale yellow in colour. It was of excellent chemical and bacterial quality. After efficient filtration, it was delivered in excellent chemical and bacterial condition. The reduction in the number of microbes amounted to 98.51 per cent.

The water drawn from the Lea at Angel Road by the East London Company was, on June 22nd, turbid and pale yellow in colour. It was of fairly good chemical but indifferent bacterial quality. After filtration, it was delivered in excellent chemical condition; but it was slightly turbid from inefficient filtration, and the suspended matter was, under the microscope, found to consist chiefly of rust-stained particles with a few small moving organisms, which settled down quickly. The Middlesex filters were delivering water containing a slight excess of microbes over the standard, but all the other filters exhibited high bacterial efficiency. Compared with the water passing the intake, the bacterial improvement effected by this Company is expressed by the following percentage numbers:—No. 1 Essex filters 99, No. 2 Essex filters 99.22, and Middlesex filters 97.59.

The deep well water of the Kent Company was clear, bright, and almost microbe-free without filtration, but that of the East London Company was very slightly turbid from a little indefinite vegetable matter and rust of iron probably derived from the mains. Both waters were of excellent quality for dietetic and all domestic purposes.

Seen through a stratum two feet deep, the Kent Company's water was clear and colourless, the East London (deep well) very slightly turbid and colourless, the New River clear and nearly colourless, the East London (river supply) slightly turbid and very pale yellow, and the remaining waters clear and very pale yellow.

The bacterioscopic examination of the river waters, before and after storage, and of the filtered supplies delivered by the various Companies, collected on the 20th, 21st, 22nd and 23rd of June, yielded, after prolonged incubation, the results contained in the following Table:—

DESCRIPTION.	Microbes per c.c.	Temp. C.
<b>RAW AND STORED RIVER WATERS.</b>		
River Thames at Hampton, June 20th, 1899 - - - - -	2,900	19.6
" " after storage by Chelsea Company, June 20th - - - - -	860	18.7
" " " by West Middlesex Company, June 21st - - - - -	980	—
Grand Junction Company's water at Kew Bridge passing to filters, June 21st - - - - -	420	—
New River Cut before passing through reservoir, June 22nd - - - - -	1,540	16.3
" " after - - - - -	300	17.5
River Lea at Angel Road, June 22nd " " - - - - -	4,900	18.7
" " after storage by East London Company, June 22nd - - - - -	1,660	17.8
<b>FILTERED RIVER WATERS AS SUPPLIED.</b>		
<b>THAMES.</b>		
Chelsea Company's general filter well, June 20th - - - - -	20	19.0
West Middlesex Company's general filter well, June 21st - - - - -	10	—
Southwark Company's tap on filtered water main at Hampton works, June 20th - - - - -	291	19.0
Grand Junction Company's general filter well at Hampton, June 20th - - - - -	102	19.3
" " " tap on filtered water main at Kew Bridge Works, June 21st - - - - -	56	—
" " south filter well at Kew Bridge, June 21st - - - - -	20	—
Lambeth Company's general filter well, June 20th - - - - -	12	19.3
<b>LEA.</b>		
New River Company's general filter well, June 22nd - - - - -	23	17.6
East London Company's No. 1 Essex filters, June 22nd - - - - -	54	17.5
" " " No. 2 " " " - - - - -	38	17.4
" " " Middlesex " " - - - - -	118	17.8
<b>DEEP-WELL.</b>		
Kent Company's "New" Well at Deptford, June 23rd - - - - -	1	11.3

Dr. Hill, F.I.C., Medical Officer of Health for Birmingham, reports that the water supplied to that City was, on the 12th of June, "clear and pale green in a two-foot tube."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that City from Loch Katrine was, on the 15th of June, "light brown in colour, and contained a little suspended matter." The temperature was unusually high.

I am, &c.,

E. FRANKLAND.

The Registrar-General, &c., &c.

CITIES AND BOROUGH.	POPULATION on 1st July 1894.		Deaths of Persons aged 60 Years and upwards.	Deaths from										Inquest Cases.	Deaths in Public Institutions.		Causes of Death.		From All Diseases in Colic, &c.		Highest. Fahrenheit.	Lowest.	Mean.		In Inches.	In Cent.	CITIES AND BOROUGH.				
	1.	2.		3.	4.	5.	6.	7.	8.	9.	10.	11.	12.		13.	14.	15.	16.	17.	18.			19.	20.				21.	22.	23.	24.
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.						
33 TOWNS	11,404,408	6495	3496	865	793	6	133	35	81	86	24	98	149	292	793	41	16'0	21	80'5	46'0	59'7	15'39	0'33	0'84	33 TOWNS.						
LONDON	4,546,752	2484	1310	299	329	-	50	12	31	27	7	28	49	120	414	9	15'0	1'8	80'1	50'4	62'3	16'83	0'13	0'33	LONDON.						
WEST HAM	300,241	155	62	21	9	-	2	-	5	3	-	2	3	5	8	2	10'8	2'1	-	-	-	-	-	-	WEST HAM.						
CROYDON	127,759	60	26	8	7	-	1	-	1	2	-	-	2	2	3	-	10'6	1'6	80'5	49'0	60'9	16'06	0'13	0'46	CROYDON.						
BRIGHTON	123,226	53	33	6	10	-	-	-	-	-	-	-	2	2	10	-	14'0	1'6	74'6	53'0	61'3	16'28	0'03	0'08	BRIGHTON.						
PORTSMOUTH	190,741	106	43	6	11	-	5	-	2	4	-	-	1	2	10	-	11'8	3'0	79'0	51'0	62'6	17'00	0'01	0'03	PORTSMOUTH.						
PLYMOUTH	160,637	59	35	7	11	-	-	-	-	-	-	1	-	2	4	-	13'1	0'5	-	46'0	-	-	-	0'28	PLYMOUTH.						
BRISTOL	320,911	189	87	17	25	-	-	-	1	-	-	2	1	5	28	-	14'1	0'5	72'0	46'0	58'2	14'56	0'11	-	BRISTOL.						
CARDIFF	185,826	101	54	12	7	-	-	-	-	3	-	-	2	3	5	1	15'2	0'8	-	-	-	-	-	-	CARDIFF.						
SWANSEA	103,722	55	24	5	8	-	-	-	1	3	1	-	1	3	2	-	12'1	3'0	-	-	-	-	-	-	SWANSEA.						
WOLVERHAMPTON	88,821	62	25	10	6	-	1	-	1	1	-	-	-	1	3	1	14'7	1'8	75'2	48'6	58'3	14'61	0'31	0'79	WOLVERHAMPTON.						
BIRMINGHAM	514,956	310	127	44	24	-	5	1	3	7	-	6	6	7	13	1	12'9	2'2	-	51'8	-	-	-	0'76	BIRMINGHAM.						
NORWICH	113,266	69	28	6	12	-	-	-	1	1	-	-	-	1	6	-	12'9	0'9	76'6	51'8	58'7	14'83	0'30	-	NORWICH.						
LEICESTER	213,851	134	67	19	12	-	-	-	1	7	-	1	3	7	13	2	16'3	2'4	-	-	-	-	-	3'38	LEICESTER.						
NOTTINGHAM	239,384	121	78	20	19	-	4	1	-	-	-	1	6	7	19	1	17'0	2'6	77'8	46'2	58'5	14'72	1'33	-	NOTTINGHAM.						
DERBY	106,401	60	26	4	7	-	-	-	-	-	-	-	4	6	5	-	12'7	-	-	-	-	-	-	-	DERBY.						
BIRKENHEAD	115,162	71	32	18	2	-	-	-	-	1	-	3	-	2	2	-	14'5	1'8	-	-	-	-	-	-	BIRKENHEAD.						
LIVERPOOL	634,212	419	234	81	56	-	16	1	6	7	5	19	11	16	70	14	24'2	4'4	66'3	50'5	57'0	13'89	0'13	0'33	LIVERPOOL.						
BOLTON	162,221	77	45	7	11	-	-	-	1	1	-	1	1	6	3	-	14'5	1'3	-	-	-	-	-	-	BOLTON.						
MANCHESTER	543,002	379	259	58	56	-	23	-	1	1	-	4	21	33	58	-	24'8	3'5	-	-	-	-	-	-	MANCHESTER.						
SALFORD	218,244	131	81	23	13	-	8	-	-	2	2	2	3	6	15	2	19'4	3'1	-	-	-	-	-	-	SALFORD.						
OLDHAM	150,772	67	50	10	11	-	-	-	-	2	-	1	3	3	6	1	17'3	1'4	-	-	-	-	-	-	OLDHAM.						
BURNLEY	113,081	50	35	5	8	-	4	4	-	3	-	2	1	1	2	1	16'1	6'0	-	-	-	-	-	-	BURNLEY.						
BLACKBURN	135,154	75	32	9	5	-	1	1	-	3	-	-	-	2	5	-	12'3	1'9	-	-	-	-	-	-	BLACKBURN.						
PRESTON	117,622	57	33	7	9	-	-	-	1	1	-	-	1	3	-	-	14'6	0'9	-	-	-	-	-	-	PRESTON.						
HUDDERSFIELD	103,464	51	35	4	11	-	-	-	-	1	1	1	-	1	6	-	17'6	1'5	75'0	49'5	59'3	15'17	0'23	0'58	HUDDERSFIELD.						
HALIFAX	97,721	52	30	5	6	-	-	-	2	1	-	-	-	4	2	-	16'0	2'1	-	-	-	-	-	-	HALIFAX.						
BRADFORD	236,241	112	55	10	15	-	1	4	1	1	-	1	3	7	13	-	12'1	1'8	75'8	49'8	59'9	17'50	0'85	2'16	BRADFORD.						
LEEDS	423,389	230	123	33	27	-	2	2	7	2	1	3	6	10	12	-	15'1	2'1	-	-	-	-	-	-	LEEDS.						
SHEFFIELD	361,169	228	149	54	27	-	8	-	7	1	-	12	5	6	20	4	21'5	4'0	-	-	-	-	-	-	SHEFFIELD.						
HULL	234,270	156	69	21	14	6	2	-	1	2	1	1	3	5	13	-	15'4	2'9	-	-	-	-	-	-	HULL.						
SUNDERLAND	146,613	118	44	9	10	-	-	-	1	1	-	1	3	4	11	-	15'8	1'1	-	-	-	-	-	-	SUNDERLAND.						
GATESHEAD	106,562	72	32	8	5	-	-	-	1	1	-	-	-	3	3	1	15'7	1'5	-	-	-	-	-	-	GATESHEAD.						
NEWCASTLE	228,635	132	73	19	10	-	-	-	1	3	-	1	7	7	9	1	16'6	0'9	-	-	-	-	-	-	NEWCASTLE.						

\* See note \* on first page of this return.



TABLE 2. LONDON.—Births and Deaths Registered in the TWENTY-SEVENTH Week of each of the Eleven Years, 1889–99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889–98.*	1899
<b>TOTAL Births</b>	2507	2480	2453	2594	2220	2254	2651	2443	2689	2502	2605.7	2484
Males - -	1285	1300	1209	1315	1096	1158	1342	1270	1401	1235	1327.3	1247
Females - -	1222	1180	1244	1279	1124	1096	1309	1167	1288	1267	1277.9	1237
<b>TOTAL Deaths</b>	1350	1481	1352	1405	1847	1314	1519	1552	1293	1232	1509.3	1319
Males - -	720	792	743	726	969	696	892	783	712	622	796.0	705
Females - -	630	689	609	679	878	618	717	769	581	610	713.3	605

\*The numbers in this column are the average weekly numbers in the twenty-seventh week of the ten years 1889–98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Apr. 15.	Apr. 22.	Apr. 29.	May 6.	May 13.	May 20.	May 27.	June 3.	June 10.	June 17.	June 24.	July 1.	July 8.		
<b>TOTAL Births</b>	-	-	2875	2759	2693	2623	2574	2598	2306	2678	2445	2571	2422	2441	2484
<b>TOTAL Deaths</b>	-	-	1624	1499	1478	1397	1428	1419	1363	1483	1365	1316	1355	1297	1310
<b>Ages at Death</b>															
Under 1 year	-	-	320	317	325	277	285	277	296	281	289	272	264	284	299
1-5 years	-	-	195	186	195	165	196	170	174	168	218	173	199	156	184
5-20 "	-	-	79	82	87	84	72	77	73	92	79	71	91	78	86
20-40 "	-	-	225	200	172	202	206	219	166	211	197	171	215	212	157
40-60 "	-	-	341	303	289	282	282	314	295	351	264	290	279	287	255
60-80 "	-	-	378	322	321	305	320	297	289	310	269	230	254	240	270
80 years and upwards	-	-	86	89	89	82	67	65	73	70	57	52	45	60	59
<b>Deaths from—</b>															
Small pox	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Measles	-	-	34	51	45	36	49	51	61	67	93	64	65	51	50
Scarlet Fever	-	-	6	7	6	10	2	9	5	4	5	7	4	11	12
Diphtheria	-	-	20	29	26	21	40	24	23	24	28	35	28	25	31
Whooping-cough	-	-	54	47	54	47	39	39	34	33	27	35	35	26	27
Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever	-	-	14	3	4	7	8	6	4	6	7	6	6	11	7
Simple Continued Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery	-	-	4	7	10	12	9	12	10	13	12	12	9	20	28
Cholera	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-
<b>All the above Diseases</b>	-	-	133	144	145	133	147	141	137	147	173	159	148	144	155
<b>Dis. of Respiratory System—</b>															
Phtisis	-	-	343	277	294	251	257	257	256	240	216	207	190	159	194
Dis. of Circulatory System—	-	-	173	160	140	145	143	170	141	165	141	133	153	153	139
Violence	-	-	147	140	114	145	148	137	134	169	110	125	116	124	114
Inquest Cases	-	-	83	65	71	73	83	64	68	66	80	80	86	73	49
Deaths in Public Institutions—	-	-	156	152	137	131	166	141	139	152	156	124	162	143	120
	-	-	509	472	432	473	484	452	443	529	467	436	460	456	414
<b>TEMPERATURE OF THE AIR.</b>															
Mean	-	-	43.9	43.4	50.1	46.4	50.9	54.4	49.5	58.4	61.1	56.3	60.7	62.3	62.3
Mean of Highest readings	-	-	52.2	52.3	57.3	55.3	62.2	62.7	57.1	70.8	73.3	69.3	69.7	73.1	71.9
Mean of Lowest readings	-	-	37.2	34.7	41.1	37.2	41.7	48.3	43.2	43.6	49.1	45.1	53.7	53.8	54.3
<b>Humidity of the Air</b>	-	-	80	75	76	67	75	75	73	60	64	67	73	68	71
<b>Rain-fall (in inches)</b>	-	-	1.27	0.43	0.79	0.00	0.01	0.97	0.66	0.00	0.00	0.00	0.51	0.74	0.13
<b>Registered Sunshine (in hours)</b>	-	-	21.9	26.5	17.8	49.7	43.0	33.9	29.3	95.9	72.1	63.0	26.2	43.9	31.4
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>															
Small-pox	-	-	3	3	3	-	1	1	1	1	1	1	2	-	-
Scarlet Fever	-	-	2126	2144	2131	2139	2210	2161	2201	2212	2263	2281	2367	2430	2526
Diphtheria	-	-	1068	1034	997	1040	1065	1063	1111	1114	1153	1170	1230	1280	1351
Enteric Fever	-	-	129	125	124	118	107	99	102	99	97	93	109	105	94

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 2.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. O. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrothlesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Bobbier, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-SEVENTH Week of the Year 1899.

USES OF DEATH		Corrected Averages for the 27th Week of 1889-90.	In the Week ending Saturday, 8th July 1899.										CAUSES OF DEATH		Corrected Averages for the 27th Week of 1889-90.	In the Week ending Saturday, 8th July 1899.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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			ALL AGES.	Under 20.			20 and under 40.		40 and under 60.		60 and under 80.					80 years and upwards.		ALL AGES.	Under 20.			20 and under 40.		40 and under 60.		60 and under 80.		80 years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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The numbers in this column are the average weekly deaths for the ten years 1839-48, raised by 5·213 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the time of death is not certified by a registered practitioner, the case is returned under the heading "no statement." The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 8th July, 1899.

REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1896.	Total Births.	The DEATHS registered during the Week include																	Deaths in Public Institutions Uncertified Deaths.	Causes of Deaths.
				Total Deaths.	Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from															
							Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.					
LONDON		4,411,710	2484	1310	299	329	-	50	12	31	27	-	7	-	28	49	120	414	9			
WEST DISTRICTS		778,251	394	222	46	66	-	4	4	4	3	-	1	-	1	6	17	80	1			
NORTH DISTRICTS		1,040,694	526	274	58	74	-	6	3	6	6	-	2	-	5	14	35	87	1			
CENTRAL DISTRICTS		233,635	108	67	16	9	-	1	-	-	1	-	-	-	1	4	7	34	1			
EAST DISTRICTS		716,334	478	274	75	64	-	16	-	1	8	-	1	-	9	10	31	89	1			
SOUTH DISTRICTS		1,642,796	978	453	104	108	-	23	3	20	9	-	3	-	12	15	30	104	7			
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*		-	-	20	-	8	-	-	2	-	-	-	-	-	-	-	-	20	-			
WEST DISTRICTS.																						
St. Mary Paddington } G. & W.		90,996	53	13	4	3	-	-	-	-	-	-	-	-	-	1	1	3	-			
WHH			5	9	-	1	-	-	-	-	-	-	-	-	-	-	1	5	-			
St. John Paddington } H - G.		33,510																				
Kensington Town Ww - W.		122,164	57	38	13	12	-	2	-	-	-	-	-	-	-	1	2	15	2			
Brompton HH- - W & C.		48,301	18	5	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-			
North Hammersmith } H } W. & G.		44,638	23	18	6	7	-	1	-	-	-	-	-	-	-	-	3	-	-			
South Hammersmith } H } W. & G.		59,561	26	13	4	3	-	-	-	-	-	-	-	-	1	-	-	3	-			
Fulham Ww - - W. & C.		113,781	90	45	11	8	-	1	3	3	1	-	1	-	1	1	1	14	-			
Chelsea Kensal Town - C.		21,450	15	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Chelsea North WHHHHH - C.		42,057	25	10	1	4	-	-	-	-	-	-	-	-	-	-	1	7	-			
Chelsea South HH - C.		33,139	13	13	2	6	-	-	-	-	2	-	-	-	-	1	2	2	-			
May Fair W - G.		23,827	4	9	-	7	-	-	-	-	-	-	-	-	-	-	-	8	-			
Belgrave WHHH - C.		56,140	30	22	1	6	-	1	-	1	-	-	-	-	-	1	3	11	-			
St. John Westminster HH - C.		31,492	9	9	2	4	-	-	-	-	-	-	-	-	-	1	2	-	-			
St. Margaret Westminster H- C.		22,097	6	9	2	-	-	-	-	-	-	-	-	-	-	-	-	9	-			
St. James Westminster } N. & G.		23,050	12	5	-	1	-	-	-	-	-	-	-	-	-	-	1	-	1			
WHH																						
St. Anne Soho HHHHHH - N.		12,048	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-			
NORTH DISTRICTS.																						
All Souls Marylebone } - W.		36,595	11	12	-	2	-	-	-	1	-	-	-	-	-	-	1	5	-			
HHHHHHHH																						
Rectory Marylebone W } G. & W.		19,798	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Mary Marylebone } G. & W.		19,637	18	4	1	2	-	-	-	-	-	-	-	-	-	1	-	2	-			
HHHH																						
Christchurch Marylebone H - W		32,547	11	8	-	4	-	-	-	-	-	-	-	-	-	1	2	-	-			
St. John Marylebone HHH W.		32,611	14	9	2	3	-	-	-	-	-	-	-	-	2	-	1	-	1			
Hampstead } - N. & W.		75,449	29	19	3	8	-	1	1	1	-	-	-	-	-	1	3	6	-			
WvHHHH																						
Regent's Park Pancras HH - W.		37,341	17	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Tottenham-court } - N. & W.		26,757	10	15	2	5	-	-	-	-	-	-	-	-	-	-	-	10	-			
WvHHHH																						
Gray's Inn Lane HHH - N.		29,426	22	16	3	-	-	-	-	-	3	-	-	-	-	5	5	5	-			
Homers Town HH - N.		32,161	16	10	4	2	-	-	-	-	-	-	-	-	2	4	4	3	-			
Hamden Town WH - N.		16,669	11	9	2	2	-	-	-	-	-	-	-	-	-	-	2	7	-			
Kentish Town WW - N.		98,410	58	17	5	4	-	1	-	1	-	-	-	-	-	-	1	4	-			
Upper Holloway } - N.		98,273	59	42	8	13	-	1	1	-	-	-	-	-	-	1	3	29	-			
WvWvHH																						
Slington South-west H - N.		107,365	56	16	2	6	-	2	-	-	1	-	-	-	-	-	3	-	-			
Slington South-east - N.		66,549	31	19	6	5	-	-	-	-	-	-	-	-	1	-	3	-	-			
Highbury HH - N.		64,577	26	11	5	3	-	-	-	-	1	-	-	1	-	-	-	-	-			
Stoke Newington H - N.		33,485	13	7	1	3	-	1	-	-	-	-	-	-	-	-	1	-	-			
North Hackney - E. & N.			12	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Central Hackney Wv - E. & N.			29	10	2	1	-	1	-	2	-	-	-	-	-	1	2	3	-			
South-west Hackney HHH E. & N.		213,044	43	18	5	2	-	-	-	-	-	-	1	-	-	-	2	2	-			
South-east Hackney WvH E. & N.			29	21	4	9	-	-	-	-	-	-	-	-	-	-	2	11	-			

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other Districts than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. signifies Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

\* See note \* on second page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and were e-named North Hammersmith and South Hammersmith, respectively.



5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each DISTRICT during the Week ending Saturday, 8th July, 1899—continued.

STATION SUB-DISTRICTS	Enu- mer- ated Popu- lation 1898.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include															Deaths in Public Institutions Unidentified Deaths	Causes of Death
				Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from										Inquest Cases				
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea	Violence					
CENTRAL DISTRICTS.																				
Large Bloomsbury - - N.	16,110	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
South WH - - N.	12,976	14	6	2	2	-	-	-	-	-	1	-	-	-	-	-	5	-		
North H - - N.	9,151	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
tin-in-the-Fields HHN.&C.	13,077	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-		
WHH - - N.	11,839	3	8	1	-	-	-	-	-	-	-	-	-	-	-	2	4	-		
Union Workhouse, Edmonton	†1,037	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4	-		
n vHHHHHH - - N.	31,042	8	18	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
es Clerkenwell - - N.	15,777	5	2	1	-	-	1	-	-	-	-	-	-	-	1	1	14	-		
l Clerkenwell - - N.	34,356	20	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
l-street - - N.	16,089	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ad HHHL - - N.	29,897	26	9	5	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
ross-street - - N.	7,595	3	2	-	1	-	-	-	-	-	-	-	-	-	1	-	1	-		
ry - - N.	4,035	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
am Union Workhouse, }	†892	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
olph H - - N. & E.	6,870	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
gate - - N.	3,299	-	1	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-		
alchre WH - - N.	9,591	2	9	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-		
lows Barking - - N.	9,059	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	5	-		
street H - - N.	2,892	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
London Asylum, Stone - -	†388	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
EAST DISTRICTS.																				
atch South Hl - - E. & N.	17,975	18	9	3	3	-	-	-	-	-	-	-	-	-	1	1	1	-		
New Town w - - N.	29,575	18	10	3	3	-	2	-	-	-	-	-	-	-	1	1	2	-		
Old Town - - N.	27,645	18	7	4	2	-	-	-	-	-	-	-	-	-	1	-	1	-		
ston WH - - N. & E.	47,163	22	25	3	6	-	-	-	-	-	-	-	-	-	-	2	3	-		
l Green North H - - E.	49,301	27	14	6	1	-	2	-	-	-	-	1	-	-	-	-	2	-		
l Green South - - E.	34,194	21	8	2	2	-	1	-	-	-	-	-	-	-	-	-	1	-		
l Green East WHl - - E.	45,667	33	29	6	12	-	-	-	-	-	-	-	-	-	1	-	2	-		
elds - - E. & N.	26,681	16	10	3	2	-	2	-	-	-	-	-	-	-	-	-	-	-		
ad New Town* WH - - E.	51,995	31	34	6	3	-	3	-	-	1	-	-	-	1	2	3	29	-		
an's Fields* - - E.		13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
erge's North - - E.	39,576	27	11	4	2	-	1	-	-	1	-	-	-	-	1	2	-	-		
a, St. George East W E.	7,930	2	8	1	4	-	-	-	-	-	-	-	-	-	-	-	6	-		
ell H - - E. & N.	10,434	6	6	2	-	-	-	-	-	-	-	-	-	1	-	1	6	-		
W - - E.	14,954	9	6	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-		
use - - E.	32,917	28	11	4	3	-	1	-	1	-	-	-	-	1	-	1	-	-		
ld Old Town West H E.	111,060	55	15	2	6	-	1	-	-	-	-	-	-	-	-	3	-	-		
ld Old Town East } - E.		28	14	2	1	-	1	-	-	1	-	-	-	-	-	1	2	-		
y wwwH - - E.	41,687	25	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
WW - - E.	69,821	47	38	15	9	-	2	-	-	5	-	-	-	2	2	6	14	-		
	57,759	34	15	6	4	-	-	-	-	-	-	-	-	1	2	-	-	-		

† Population in 1891, not included in the total population of the Central Districts or of London.  
 Bechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.

TABLE 5 LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 8th July, 1899—continued.

												The DEATHS registered during the Week include													
REGISTRATION SUB-DISTRICTS						Enu- merated Popu- lation, 1896.	Total Deaths.	Total Deaths.	Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions			
									Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.					
SOUTH DISTRICTS.																									
Christchurch Southwark WHL.&S.	-	-	-	-	-	13,064	4	4	1	3	1	-	-	-	-	-	-	1	-	-	-	-	-		
St. Saviour Southwark	-	-	-	-	-	12,301	9	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Kent-road	-	-	-	-	-	22,879	17	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Borough-road WH	-	-	-	-	-	16,083	11	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
London-road HL	-	-	-	-	-	21,316	8	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Trinity Newington	-	-	-	-	-	28,723	20	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Peter Walworth W	-	-	-	-	-	62,045	26	21	7	-	-	-	-	-	-	1	-	-	-	-	-	-	-		
St. Mary Newington-	-	-	-	-	-	30,171	21	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Olave WH	-	-	-	-	-	11,731	7	13	1	1	-	-	1	-	-	-	-	-	2	3	11	-	-		
Bermondsey W	-	-	-	-	-	85,475	42	19	2	3	-	-	1	-	2	-	-	1	-	-	-	-	-		
Rotherhithe WwH	-	-	-	-	-	40,379	31	17	2	3	-	-	-	1	1	-	-	-	-	-	-	-	-		
Waterloo-road HH	-	-	-	-	-	28,396	27	7	3	-	-	-	1	-	-	-	-	2	-	-	-	-	-		
Lambeth Church 1st H	-	-	-	-	-	18,770	11	15	1	1	-	-	-	-	-	-	-	-	-	3	8	10	-		
Lambeth Church 2nd WW	-	-	-	-	-	40,994	33	26	1	6	-	-	-	1	1	-	-	-	-	-	-	-	-		
Kennington 1st H	-	-	-	-	-	52,486	49	13	3	3	-	-	3	-	-	-	-	1	-	-	-	-	-		
Kennington 2nd	-	-	-	-	-	43,244	19	11	1	1	-	-	-	-	1	-	-	-	-	1	2	-	-		
Brixton w	-	-	-	-	-	81,325	59	17	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-		
Norwood WH	-	-	-	-	-	29,318	14	5	3	-	-	-	-	-	-	-	-	2	-	-	-	-	-		
East Battersea	-	-	-	-	-	71,730	49	18	4	6	-	-	-	1	1	-	-	-	-	1	1	13	-		
West Battersea WwH	-	-	-	-	-	93,385	55	25	11	-	-	-	-	-	-	-	-	-	2	2	1	-	-		
Clapham H	-	-	-	-	-	46,953	24	13	3	-	-	-	-	-	1	-	-	-	2	2	1	-	-		
Wandsworth WHHL	-	-	-	-	-	58,101	30	11	2	-	-	-	-	-	1	-	-	1	2	1	1	-	-		
Putney	-	-	-	-	-	20,566	12	1	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-		
Streatham WwwwL	-	-	-	-	-	61,644	40	16	5	4	-	-	-	3	-	-	-	1	-	1	3	-	-		
Dulwich	-	-	-	-	-	7,519	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Camberwell Wwl	-	-	-	-	-	90,286	56	31	5	9	-	-	2	-	1	-	-	1	-	3	13	-	-		
Peckham WW	-	-	-	-	-	88,242	43	16	3	-	-	-	1	-	-	-	-	-	1	-	-	-	-		
St. George Camberwell	-	-	-	-	-	67,029	48	21	8	3	-	-	2	-	-	-	-	-	-	1	-	-	-		
Deptford North	-	-	-	-	-	36,152	19	9	2	-	-	-	-	-	2	-	-	-	1	1	-	-	-		
Deptford Central w	-	-	-	-	-	45,441	28	17	2	2	-	3	2	3	-	-	-	1	-	1	9	-	-		
Deptford South	-	-	-	-	-	33,402	14	4	1	2	-	-	-	-	-	-	-	-	-	-	1	-	-		
Greenwich West H	-	-	-	-	-	23,012	9	9	1	4	-	-	-	-	-	-	-	1	-	-	-	-	-		
Greenwich East WH	-	-	-	-	-	37,767	18	11	2	4	-	-	-	-	-	-	-	-	1	1	-	-	-		
Eltham wH	-	-	-	-	-	5,911	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lee H	-	-	-	-	-	24,222	11	4	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lewisham WwH	-	-	-	-	-	38,139	38	20	3	6	-	-	-	6	-	-	-	-	-	-	9	-	-		
Sydenham H	-	-	-	-	-	37,601	21	2	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
Charlton wHH	-	-	-	-	-	15,928	10	3	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
Woolwich Dockyard	-	-	-	-	-	19,355	12	5	-	2	-	-	-	-	-	-	-	-	-	1	-	-	-		
Woolwich Arsenal HHHH	-	-	-	-	-	21,959	7	4	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-		
Plumstead West H	-	-	-	-	-	16,714	7	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Plumstead East WH	-	-	-	-	-	42,538	34	10	3	4	-	-	-	-	-	-	-	-	1	1	-	2	-		
Banstead Asylum	-	-	-	-	-	-	-	4	-	3	-	-	-	-	-	-	-	-	-	-	-	4	-		
Caterham Asylum	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-		
Cane Hill Asylum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hospital Ships and Camp, Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Darenth Asylum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
London County Asylum Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Heath	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hanwell Asylum	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
Colney Hatch Asylum	-	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-		
N.E. Hospital	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-		
Winchmore Hill Hospital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Leavesden Asylum	-	-	-	-	-	-	-	5	-	1	-	-	-	-	-	-	-	-	-	-	-	5	-		
Claybury Asylum	-	-	-	-	-	-	-	4	-	1	-	-	-	-	-	-	-	-	-	-	-	4	-		

**TABLE 6.—LONDON.—OUTER RING** (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 8th July, 1899.

REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enume- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													
					Deaths of		Deaths from											
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unclassified Causes of Death.	
LONDON—OUTER RING	368,749	1,422,063	1011	400	106	90	-	11	1	12	13	-	11	22	32	52	6	
Carshalton WHH	12,228	28,108	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
Epsom, part of* WWHH	10,423	12,508	8	4	-	2	-	-	-	-	-	-	-	-	-	1	-	
Godstone, part of* W	2,754	1,598	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Croydon WWHH	20,851	128,699	69	33	8	11	-	1	-	1	2	-	-	3	3	4	-	
Mitcham w	11,697	23,072	12	6	-	2	-	-	-	-	-	-	-	-	-	-	1	
Wimbledon HHH	3,220	25,777	20	7	1	1	-	-	-	-	1	-	-	1	1	-	-	
Kingston WH	-	33,566	17	10	2	3	-	-	-	1	-	-	-	-	-	3	-	
Surbiton H-	-	12,173	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Esher, part of* HH	-	11,080	8	1	1	-	-	-	-	-	-	-	-	-	1	1	-	
Hampton HL	4,565	18,252	12	8	1	4	-	-	-	-	-	-	-	1	1	-	-	
Richmond WH-	2,160	25,389	15	10	-	5	-	-	-	-	-	-	-	2	2	5	-	
Mortlake H	2,823	16,159	12	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
Bromley HHH	9,127	23,815	9	2	-	1	-	1	-	-	-	-	-	-	-	-	-	
Beckenham H-	6,542	21,969	12	4	1	1	-	-	-	-	-	-	1	-	-	1	-	
Chislehurst, part of* WHH	14,307	20,372	13	6	1	3	-	-	-	-	-	-	1	-	-	3	-	
Bexley HHH	12,540	30,590	30	11	3	1	-	-	-	1	1	-	-	-	-	-	1	
Dartford WH, part of*	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	
Sunbury w	11,054	13,671	12	5	1	-	-	-	-	-	-	-	-	1	1	-	-	
Staines WH	13,277	13,221	7	2	-	-	-	-	-	-	-	-	-	-	-	1	-	
Hillingdon WHH	6,035	12,237	4	3	-	-	-	-	-	-	-	-	-	1	-	-	-	
Uxbridge	12,757	7,253	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
Hayes wH	7,952	11,051	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
Isleworth WHH	6,967	26,004	17	8	-	5	-	-	-	-	-	-	-	-	-	6	-	
Twickenham HH	2,415	16,027	10	2	1	-	-	-	-	-	-	-	-	-	1	-	-	
Brentford HHHH	4,318	37,777	20	11	4	1	-	-	-	1	-	1	2	2	-	-	1	
Chiswick	1,245	21,963	20	10	2	3	-	1	-	-	-	-	-	1	1	-	-	
Acton WHH	6,132	30,945	26	10	5	1	-	1	-	-	2	-	1	-	-	-	-	
Harrow HHH	13,809	15,715	14	5	3	-	-	-	-	-	-	-	-	-	1	-	-	
Edgware HH	6,994	3,844	2	1	-	-	-	-	-	-	-	-	-	-	1	1	-	
Willesden HHH	4,383	61,265	61	21	9	1	-	-	-	2	-	-	2	1	1	1	-	
Hendon WH	8,382	15,843	14	5	1	2	-	-	-	-	-	-	-	-	-	1	-	
South Mimms HH	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
Barnet WHH	21,077	6,367	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Finchley HHH	4,688	14,152	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
Hornsey HH	3,039	61,097	46	14	4	1	-	-	-	-	-	-	-	-	-	-	-	
Tottenham HH	4,642	97,174	62	24	6	6	-	2	-	-	-	-	1	1	3	1	-	
Edmonton WwW	7,489	36,351	29	16	4	2	-	1	-	1	-	-	-	1	1	3	-	
Enfield WWHH	12,602	31,536	25	6	2	2	-	2	-	-	-	-	-	-	-	-	-	
Waltham Abbey	11,017	6,066	1	3	1	1	-	-	-	-	1	-	-	-	-	-	-	
Cheshunt H	8,480	9,620	10	3	1	2	-	-	-	-	-	-	-	-	-	-	-	
Hatfield, part of* W-	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bushey H-	9,331	7,737	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Watford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Stratford H	-	38,612	30	14	4	3	-	1	-	3	1	-	-	-	1	-	-	
Plaistow WHHH	-	59,030	46	17	8	1	-	1	-	-	2	-	2	2	2	1	2	
Canning Town H	-	54,750	45	14	5	2	-	-	-	1	-	-	-	1	1	2	-	
Forest Gate w	-	53,511	34	12	4	3	-	-	-	1	-	-	-	-	-	-	-	
East Ham wHH	3,266	32,713	52	13	7	1	-	-	-	-	-	-	1	-	-	-	-	
Leyton WwWwH	4,334	70,188	41	22	-	4	-	-	-	1	1	-	-	2	4	11	1	
Walthamstow HHL	6,501	57,330	48	17	5	5	-	-	-	-	-	-	-	1	1	1	-	
Chigwell, part of* HHHH	11,779	12,941	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Epping WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Romford, part of* WH	6,556	4,324	7	2	-	1	-	-	-	-	-	-	-	-	-	2	-	
Ilford	8,493	10,913	14	5	1	1	-	1	-	-	1	-	-	-	-	-	-	
Barking Town, H	3,814	14,301	20	11	6	1	-	-	-	-	-	-	1	-	-	-	-	
Middlesex County Asylum, Wandsworth.	-	-	-	4	-	1	-	-	-	-	-	-	-	-	-	4	-	

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warrington and Arley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst district, except the parishes of Chislefield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in old sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for various Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.



**TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 8th July, 1899.**

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.			
GREATER LONDON	443,421	6,528,434	13·7	1·6	1710	405	419	—	61	13	43	40	7	39	71			
INNER LONDON -	74,672	4,546,752	15·0	1·8	1310	299	329	—	50	12	31	27	7	28	49			
OUTER RING -	368,749	1,981,682	10·5	1·3	400	106	90	—	11	1	12	13	—	11	22			

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

**TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.**

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMO DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	
EDINBURGH -	298,927	July	8	141	92	16·0	—	2	1	—	1	—
GLASGOW -	733,903	"	8	469	256	18·2	—	21	5	—	3	1
DUBLIN -	349,594	"	8	198	156	23·3	—	5	—	1	1	4
CALCUTTA -	466,460	May	27	—	281	34·3	—	—	—	—	2	102†
BOMBAY -	821,764	June	13	160	580	36·7	4	13	?	?	?	109†
MADRAS -	452,518	May	26	334	356	40·9	2	8	?	?	?	74†
PARIS -	2,511,629	July	1	1105	857	17·7	—	18	12	6*	9	11
BRUSSELS -	551,011	"	1	251	157	14·8	—	1	—	1*	—	1
AMSTERDAM -	512,758	June	24	292	171	17·3	—	—	—	—	—	—
ROTTERDAM -	311,301	"	24	184	110	18·2	—	—	—	1	2	—
THE HAGUE -	196,325	"	24	101	46	12·0	—	1	—	—	1	—
COPENHAGEN -	345,000	July	1	198	118	17·8	—	—	1	1	1	1
STOCKHOLM -	283,550	June	24	150	107	19·1	—	4	—	7*	—	—
CHRISTIANIA -	273,337	July	1	116	89	20·9	—	1	—	3	—	—
ST. PETERSBURG	1,132,677	June	24	512	503	23·2	2	24	12	9	2	14
MOSCOW -	988,610	"	24	—	579	30·5	4	2	6	3	3	4
BERLIN -	1,805,054	"	17	856	624	17·9	—	28	7	9	11	1
HAMBURG -	675,351	July	1	—	200	15·4	—	—	—	2*	9	1
DRESDEN -	389,300	June	10	—	—	—	—	—	—	—	—	—
BRESLAU -	406,012	July	1	—	201	25·8	—	2	4	1	1	—
MUNICH -	445,000	June	24	315	196	22·9	—	—	—	—	1	—
VIENNA -	1,606,629	July	1	1007	661	21·2	1	13	4	6*	6	—
PRAGUE -	380,497	"	1	209	191	25·8	—	1	4	—	1	3
BUDA-PESTH -	666,722	June	24	401	258	20·1	1	4	5	4	—	3
TRIESTE -	165,913	"	24	—	—	—	—	—	—	—	—	—
ROME -	500,610	June	3	192	177	18·4	—	—	—	—	—	13
TURIN (10 days)	344,203	May	10	208	174	18·5	—	—	—	1	4	2
VENICE -	169,883	June	24	89	69	21·2	—	—	—	—	—	—
CAIRO -	570,062	April	15	—	—	—	—	—	—	—	—	—
ALEXANDRIA -	319,766	"	15	—	—	—	—	—	—	—	—	—
NEW YORK (including BROOKLYN)	3,550,053	June	10	1211	1462	21·5	3	30	19	37	12	3
PHILADELPHIA -	1,266,832	"	17	—	423	17·4	—	—	3	19	4	12

\* Including deaths from croup.

† Including 26 deaths from plague in Calcutta, 54 in Bombay, and 1 in Madras.

‡ Including 23 deaths from cholera in Calcutta, 1 in Bombay, and 5 in Madras.

1899.		MEAN.		TEMPERATURE.		OF THE AIR.		OF THE DEW POINT.		DIFFERENCE BETWEEN THE AIR TEMPERATURE AND DEW POINT TEMPERATURE.		DEGREE OF HUMIDITY (SATURATION 100).		OF RADIATION.		OF THE EARTH 3 FEET BELOW THE SURFACE.		OILER'S.		PRESSURE ON THE SQUARE FOOT.		ROBINSON'S.		RAIN COLLECTED IN A GAUGE WHOSE SURFACES ARE ABOVE THE GROUND.																									
MONTH AND DAY		PHASES OF THE MOON.		HIGH-EST.		LOW.		DAILY RANGE.		MEAN DAILY VALUE.		MEAN DAILY VALUE.		GREAT-EST.		LEAST.		A.M.		P.M.		GREAT-EST.		LEAST.		MEAN HOURLY OBS.		HORIZONTAL MOVEMENT OF THE AIR ON EACH DAY.		DEPARTURE FROM 16 YEARS.		MILES.		MILES.		IN.		IN.											
JULY.		..		in.		29.463		65.0		51.9		13.1		56.5		- 4.9		48.2		8.3		16.6		2.2		7.4		133.8		50.5		60.31		SW. WSW. W. & WSW.		lbs.		lbs.		in.		in.							
SUNDAY - 2		..		29.463		65.0		51.9		13.1		56.5		- 4.9		48.2		8.3		16.6		2.2		7.4		133.8		50.5		60.31		SW. WSW. W. & WSW.		56		0.9		477		+226		0.0		0.0					
MONDAY - 3		..		29.735		61.9		54.0		7.9		57.2		- 4.5		50.9		6.3		10.5		2.6		8.0		97.8		50.0		60.63		W. & WNW. & NW.		4.2		0.5		405		+155		0.0		0.0					
TUESDAY - 4		..		29.924		67.3		54.8		12.5		60.3		- 1.6		50.1		10.2		14.9		4.6		6.9		117.2		46.9		60.31		WNW. & NW.		4.6		0.4		354		+106		0.0		0.0					
WEDNESDAY - 5		..		30.052		73.1		50.4		22.7		61.9		- 0.2		50.6		11.3		19.4		1.5		6.7		122.9		40.6		60.09		NNW. & N.		0.7		0.0		143		-102		0.0		0.0					
THURSDAY - 6		..		30.055		77.0		57.5		19.5		65.8		+ 3.6		57.5		8.3		18.5		0.0		7.4		139.9		50.3		60.00		SW. WSW. NNW. SE. & NW.		0.2		0.0		152		- 90		0.0		0.0					
FRIDAY - 7		New		30.065		80.1		54.8		25.3		67.1		+ 5.0		57.0		10.1		21.1		0.2		7.0		138.2		49.0		60.28		Cal. & N. SE. & NW.		0.3		0.0		86		-153		0.0		0.0					
SATURDAY - 8		..		30.001		78.8		56.7		22.1		67.5		+ 5.5		55.1		12.4		21.9		0.2		6.4		135.1		50.0		60.55		SE. SW. W. NW. & WSW.		0.8		0.0		182		- 55		0.0		0.0					
MEANS -		..		29.839		71.9		54.3		17.6		62.3		+ 0.4		52.8		9.6		17.6		1.6		7.1		48.2		60.40		SW. & NW.		..		..		Sum 1729		Sum + 87		0.0		0.0							
No. of Column -		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26	

DATE.		ELECTRICITY.		Registered Sunshine in hours.		Sun above Horizon, in hours.		GENERAL REMARKS.	
JULY.	DATE.	w. P. generally; occasional w. N.	w. N. at 7h. P.M.	w. P. throughout	w. P. throughout	w. P. throughout	w. P. throughout	w. P. throughout	w. P. throughout
SUNDAY	2	3.8	16.5	16.5	16.5	16.5	16.5	16.5	16.5
MONDAY	3	0.2	16.5	16.5	16.5	16.5	16.5	16.5	16.5
TUESDAY	4	2.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
WEDNESDAY	5	10.6	16.4	16.4	16.4	16.4	16.4	16.4	16.4
THURSDAY	6	1.8	16.4	16.4	16.4	16.4	16.4	16.4	16.4
FRIDAY	7	6.7	16.4	16.4	16.4	16.4	16.4	16.4	16.4
SATURDAY	8	5.8	16.4	16.4	16.4	16.4	16.4	16.4	16.4
No. of Col.	-	28	29	29	29	29	29	29	29

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 150 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 8h. A.M.; noon; 3h. P.M., and 8h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the bar thermometer by Glaisher's Hygrometrical Tables, made at Greenwich during the 50 years ending 1880, and that of horizontal movement of the air from a discussion of the anemometer records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: - P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 23, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29.40 in. at the beginning of the week to 30.09 in. by 7h. A.M. on the 7th; and decreased to 29.98 in. by the end of the week.

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1899.



# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 28. 1899. VOL. LX.] WEEK ENDING SATURDAY, JULY 15. [Price 1½d.

General Register Office, Somerset House,  
July 17th, 1899.

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 16·9 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	June 24.	July 1.	July 8.	July 15.		June 24.	July 1.	July 8.	July 15.
33 Great Towns	16·3	15·7	16·0	16·9	Leicester - -	13·7	13·9	16·3	17·3
Birkenhead -	13·6	12·7	14·5	13·6	Liverpool - -	21·9	21·3	24·2	23·3
Birmingham -	16·8	15·4	12·9	18·6	London - - -	15·5	14·9	15·0	15·9
Blackburn -	13·1	10·4	12·3	17·0	Manchester - -	21·0	21·3	24·8	21·5
Bolton - - -	13·8	13·5	14·5	15·1	Newcastle-on-Tyne	18·3	14·6	16·6	19·2
Bradford - -	14·8	14·8	12·1	15·9	Norwich - - -	18·9	13·4	12·9	12·4
Brighton - -	15·7	14·8	14·0	16·1	Nottingham - -	16·8	12·9	17·0	19·4
Bristol - - -	15·3	15·1	14·1	13·8	Oldham - - -	18·0	14·2	17·3	13·8
Burnley - - -	14·3	18·9	16·1	17·1	Plymouth - - -	19·7	13·5	18·1	15·0
Cardiff - - -	15·7	13·5	15·2	11·8	Portsmouth - -	14·2	15·0	11·8	12·0
Croydon - - -	8·2	15·5	10·6	11·0	Preston - - -	14·6	13·7	14·6	13·3
Derby - - -	13·2	16·7	12·7	12·7	Salford - - -	17·4	17·9	19·4	24·6
Gateshead - -	17·6	22·5	15·7	17·6	Sheffield - - -	19·2	20·6	21·5	24·1
Halifax - - -	13·9	12·8	16·0	18·7	Sunderland - -	15·4	16·1	15·8	16·1
Huddersfield -	16·1	13·6	17·6	11·1	Swansea - - -	15·1	13·1	12·1	20·1
Hull - - -	14·0	17·4	15·4	12·9	West Ham - - -	13·9	11·8	10·8	12·0
Leeds - - -	15·9	14·4	15·1	17·1	Wolverhampton -	22·9	17·6	14·7	21·1

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·1 in Nottingham, 1·3 in Sheffield, 1·8 in Manchester, 2·2 in Salford, and 2·3 in Burnley; from *scarlet fever*, 1·0 in Oldham and 1·4 in Burnley; from *whooping-cough*, 1·0 in Salford and in Huddersfield, and 1·1 in Sunderland; and from *diarrhæa*, 1·0 in Derby and in Manchester, 1·2 in Wolverhampton, 1·4 in Birkenhead, 1·8 in Preston, 2·0 in Sheffield, 2·3 in Norwich, 2·4 in Liverpool, 2·6 in Salford, and 3·3 in Nottingham. In none of the thirty-three towns did the death-rate from "*fever*" reach 1·0 per 1000. The 91 deaths from *diphtheria* included 37 in London, 10 in Sheffield, 7 in Swansea, 6 in Liverpool, 4 in West Ham, 4 in Leicester, 3 in Birmingham, 3 in Salford, 3 in Preston, and 3 in Leeds. One death from *small-pox* was registered in London and 1 in Hull but not one in any other of the thirty-three towns.

#### LONDON.

In LONDON† 2351 BIRTHS and 1387 DEATHS were registered. Allowing for increase of population, the births were 289, and the deaths 231,

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7 added to the Outer Ring, or to other areas to which they belong.

below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 15·5, 14·9, and 15·0 in the preceding three weeks, further rose last week to 15·9. During the four weeks ending on Saturday last the death-rate averaged 15·3 per 1000, being 2·0 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1387 deaths included 1 from small-pox, 48 from measles, 4 from scarlet fever, 37 from diphtheria, 26 from whooping-cough, 6 from enteric fever, 75 from diarrhoea and dysentery, 2 from choleraic diarrhoea, and not one death from typhus, or from any ill-defined form of continued fever; thus, 199 deaths were referred to these diseases, being 145 below the corrected average weekly number.

The death from *small-pox* was that of a male aged 46 years, who had been removed from Lewisham to the Metropolitan Hospital Ship "Atlas" off Dartford. The deaths from *measles*, which had been 65, 51, and 50 in the preceding three weeks, further fell last week to 48, and were 8 below the corrected average; 11 cases belonged to Lambeth, 6 to Shoreditch, and 5 to Camberwell sanitary areas. The deaths from *scarlet fever*, which had been 4, 11, and 12 in the preceding three weeks, fell again last week to 4, and were 13 below the corrected average. The deaths from *diphtheria*, which had been 28, 25, and 31 in the preceding three weeks, further rose last week to 37, but were 3 below the corrected average; 6 cases belonged to Islington, 4 to Newington, 4 to Camberwell, 3 to Greenwich, and 3 to Lewisham sanitary areas. The deaths from *whooping-cough*, which had been 35, 26, and 27 in the preceding three weeks, were 26 last week, the corrected average being 42. The fatal cases of *enteric fever*, which had been 6, 11, and 7 in the preceding three weeks, were 6 last week, the corrected average being 9. The deaths from *diarrhoea*, which had been 9, 20, and 28 in the preceding three weeks, further rose last week to 75, but were 98 below the corrected average. Of the 75 deaths from diarrhoea, 70 were of children under 5 years of age; 33 more deaths at this age-period were described as due to *gastro-enteritis*, which appears as a separate heading in Table 4. The deaths referred to diseases of the respiratory organs, which had been 190, 159, and 194 in the preceding three weeks, fell again last week to 177, and were 8 below the corrected average. The deaths attributed directly to *influenza* numbered 7, having been 12, 12, and 11 in the preceding three weeks.

Different forms of violence caused 67 deaths, concerning all but 5 of which inquests were held. Of these 67 deaths, 9 were cases of suicide, while the remaining 58 were attributed to accident or negligence. Eleven of these were referred to vehicles in the streets, 11 to drowning, and 11 (of infants under one year of age) to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2601 cases of scarlet fever, 1434 of diphtheria, and 99 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follows:—Of scarlet fever, 299 cases, against 335, 302, and 315; of diphtheria, 222 cases, against 204, 225, and 218; and of enteric fever, 22 cases, against 26, 17, and 11.

#### GREATER LONDON.

In Greater London 3355 births and 1781 deaths were registered, corresponding to annual rates of 26·8 and 14·2 per 1000 of the estimated population. In the Outer Ring 7 deaths from measles, 1 from scarlet fever, 13 from diphtheria, 3 from whooping-cough, 3 from "fever," and 21 from diarrhoea were registered. Ten deaths from diphtheria occurred in West Ham district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·85 inches, and that of the Thermometer 66°·2; the latter being 3°·6 above the week's average in the 50 years 1841-90. The direction of the wind was south-westerly, the horizontal movement of the air being 5 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 49·4 hours; the measured rainfall amounted to 0·09 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Small-pox, Scarlet Fever, Diphtheria, Enteric Fever, or Typhus respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.



CITIES AND BOROUGHES.	Registered during the Week ending 15th July 1896.			The DEATHS registered in the Week include										TEMPERATURE OF THE AIR.										RAINFALL.		CITIES AND BOROUGHES.							
	1.	2.	3.	Deaths from										Deaths in Public Institutions.					Causes of Death.					Annual Rate per 1000 corresponding to the Week's Deaths.					Mean.		In Inches.	In Cent.	
				Deaths from										Inquest Cases.	Deaths in Public Institutions.	Unspecified Causes of Death.	From All Causes.	From Diseases in Cols. 12.	Fahrenheit.		Centigrade.												
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.																				
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.	33 TOWNS.							
-	11,404,408	6139	3690	1065	806	2	125	32	91	76	24	204	155	270	865	40	169	25	81'8	46'1	63'3	17'39	0'24	0'61	-								
-	4,546,752	2851	1387	367	321	1	48	4	37	26	6	75	67	128	455	12	159	23	831	50'9	68'2	19'00	0'09	0'23	LONDON.								
-	300,241	154	69	27	13	-	1	-	4	1	1	4	5	8	10	1	120	19	-	-	-	-	-	-	WEST HAM.								
-	127,759	49	27	8	10	-	-	-	-	1	-	2	3	6	7	-	110	12	848	50'0	67'4	19'47	0'07	0'18	CROYDON.								
-	123,226	67	38	7	11	-	-	-	1	-	-	-	2	2	4	16	161	13	738	54'0	627	17'03	0'01	0'03	BRIGHTON.								
-	190,741	99	44	10	9	-	-	1	1	2	2	2	2	3	11	-	120	22	-	-	-	-	-	-	PORTSMOUTH.								
-	160,637	49	29	8	9	-	-	-	1	-	-	-	3	2	-	-	150	05	-	-	-	-	-	-	PLYMOUTH.								
-	220,911	190	85	19	17	-	2	-	-	1	1	1	5	9	17	2	138	08	770	52'5	620	13'67	0'85	2'16	BRISTOL.								
-	185,828	90	42	8	13	-	-	-	2	2	-	-	1	3	13	-	118	11	-	-	-	-	-	-	CARDIFF.								
-	103,722	60	40	8	6	-	-	-	7	-	1	-	3	3	2	-	201	40	-	-	-	-	-	-	SWANSEA.								
-	88,821	59	36	9	6	-	-	-	1	-	-	2	1	1	12	-	211	18	748	46'1	608	16'00	0'32	0'81	WOLVERHAMPTON.								
-	614,956	330	184	52	43	-	4	-	3	-	-	9	11	12	48	3	186	16	-	-	-	-	0'01	0'03	BIRMINGHAM.								
-	113,266	62	27	13	8	-	-	1	1	-	1	5	1	1	1	1	124	37	83'5	49'6	61'6	18'11	-	-	NORWICH.								
-	213,851	106	71	23	14	-	-	-	3	4	1	3	1	2	9	3	173	27	-	-	-	-	-	-	LEICESTER.								
-	239,384	118	89	31	22	-	5	1	-	-	-	15	3	7	15	2	194	46	81'3	51'3	61'3	17'44	0'13	0'33	NOTTINGHAM.								
-	106,401	49	26	6	10	-	1	-	-	-	-	2	-	1	9	-	127	15	-	-	-	-	-	-	DERBY.								
-	115,162	52	30	11	7	-	-	-	1	-	1	3	1	1	8	-	136	23	-	-	-	-	-	-	BRISTOL.								
-	634,212	364	283	102	46	-	11	2	6	10	4	29	5	10	61	5	233	51	70'9	53'1	60'0	15'53	0'80	2'03	LIVERPOOL.								
-	162,221	79	47	8	8	-	-	-	-	-	1	-	2	2	5	7	151	03	-	-	-	-	-	-	BOLTON.								
-	543,062	308	224	58	42	-	19	1	-	6	1	10	6	13	46	2	215	35	-	-	-	-	-	-	MANCHESTER.								
-	218,244	135	103	29	21	-	9	1	3	4	-	11	1	4	9	1	243	67	-	-	-	-	-	-	SALFORD.								
-	150,772	84	40	10	12	-	1	3	1	1	-	1	1	1	2	8	138	24	-	-	-	-	-	-	OLDHAM.								
-	113,081	54	37	12	7	-	5	3	1	1	1	-	-	2	6	-	171	51	-	-	-	-	-	-	BURNLEY.								
-	135,154	52	44	16	13	-	1	-	-	-	2	-	-	2	6	-	170	15	-	-	-	-	-	-	BLACKBURN.								
-	117,622	57	30	13	3	-	-	-	3	-	1	4	1	2	2	1	133	35	-	-	-	-	-	-	PRESTON.								
-	103,464	52	22	4	7	-	-	-	1	2	-	1	-	-	1	-	111	20	780	47'5	61'8	16'58	0'03	0'08	HUDDESFIELD.								
-	97,721	45	35	5	14	-	-	-	-	-	-	-	-	2	4	5	197	05	-	-	-	-	-	-	HALIFAX.								
-	236,241	96	72	15	22	-	1	4	-	-	-	-	2	2	10	1	159	15	80'4	49'8	63'4	17'41	0'08	0'20	BRADFORD.								
-	423,880	267	139	47	24	-	4	1	3	5	1	7	7	8	19	-	171	26	-	-	-	-	-	-	LEEDS.								
-	361,169	218	167	55	22	-	9	3	10	2	1	14	9	10	24	2	211	56	-	-	-	-	-	-	SHEFFIELD.								
-	234,270	166	58	22	12	1	1	-	-	-	-	2	2	8	8	1	123	18	-	-	-	-	-	-	HULL.								
-	145,613	97	45	18	9	-	1	-	-	-	-	-	-	2	2	10	181	11	-	-	-	-	-	-	SUNDERLAND.								
-	106,552	80	36	13	6	-	1	1	-	1	-	-	-	2	3	1	176	15	-	-	-	-	-	-	GATESHEAD.								
-	228,825	130	84	28	19	-	2	-	-	1	-	-	-	3	7	-	192	07	-	-	-	-	-	-	NEWCASTLE.								

\* See note \* on first page of this return.



TABLE 2. LONDON.—Births and Deaths Registered in the TWENTY-EIGHTH Week of each of the Eleven Years, 1889–99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889–98.*	1899
<b>TOTAL Births</b>	2306	2472	2488	2515	2607	2371	2583	2634	2579	2502	2639.8	2351
Males - -	1186	1281	1263	1263	1339	1207	1345	1353	1308	1255	1346.7	1202
Females - -	1120	1191	1225	1252	1268	1164	1241	1281	1271	1247	1293.1	1149
<b>TOTAL Deaths</b>	1605	1471	1373	1546	1887	1356	1768	1770	1391	1214	1618.3	1387
Males - -	839	747	748	814	1006	715	921	912	635	649	846.6	733
Females - -	766	724	625	732	881	641	847	858	696	565	771.7	654

\*The numbers in this column are the average weekly numbers in the twenty-eighth week of the ten years 1889–98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Apr. 22.	Apr. 20.	May 6.	May 13.	May 20.	May 27.	June 3.	June 10.	June 17.	June 24.	July 1.	July 8.	July 15.		
<b>TOTAL Births</b>	-	-	2759	2693	2623	2574	2598	2306	2678	2445	2571	2422	2441	2484	-
<b>TOTAL Deaths</b>	-	-	1499	1478	1397	1428	1419	1363	1483	1365	1316	1355	1297	1310	1387
Ages at Death	Under 1 year	-	317	325	277	285	277	296	281	281	299	272	264	299	367
	1-5 years	-	186	195	165	196	170	174	168	218	173	199	156	184	175
	5-20 "	-	82	87	84	72	77	73	92	79	71	91	78	86	82
	20-40 "	-	200	172	202	206	219	166	211	197	171	215	212	157	171
	40-60 "	-	303	289	282	282	314	295	351	264	290	279	287	255	271
	60-90 "	-	322	321	305	320	297	289	310	269	260	254	240	270	270
80 years and upwards	-	89	89	82	67	65	73	70	57	52	45	60	59	51	51
<b>Deaths from—</b>															
Small pox	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Measles	-	-	51	45	36	49	51	61	67	93	64	65	51	50	48
Scarlet Fever	-	-	7	6	10	2	9	5	4	5	7	7	11	12	4
Diphtheria	-	-	29	26	21	40	24	23	24	28	35	28	25	31	37
Whooping-cough	-	-	47	54	47	39	39	34	33	27	35	35	26	27	26
Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever	-	-	3	4	7	8	6	4	6	7	6	6	11	7	6
Simple Continued Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery	-	-	7	10	12	9	12	10	13	12	12	9	20	28	75
Cholera	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2
All the above Diseases	-	-	144	145	133	147	141	137	147	173	159	148	144	155	199
Dis. of Respiratory System	-	-	277	294	251	257	257	256	240	216	207	190	159	194	177
Phthisis	-	-	160	140	145	143	170	141	165	141	133	153	153	139	115
Dis. of Circulatory System	-	-	140	114	145	148	137	134	169	110	125	116	124	114	122
Violence	-	-	65	77	73	83	64	68	66	80	60	86	73	49	67
Inquest Cases	-	-	152	137	131	165	141	139	152	156	124	162	143	120	128
Deaths in Public Institutions	-	-	472	432	473	484	452	443	529	467	436	460	456	414	455
<b>TEMPERATURE OF THE AIR.</b>															
Mean	-	-	43.4	50.1	46.4	50.9	54.4	49.5	58.4	61.1	58.3	60.7	62.3	62.3	66.2
Mean of Highest readings	-	-	52.3	57.3	55.3	62.2	62.7	57.1	70.8	73.3	69.3	69.7	73.1	71.9	77.7
Mean of Lowest readings	-	-	34.7	44.1	37.2	41.7	48.3	43.2	43.6	49.1	45.1	53.7	53.8	54.3	56.9
Humidity of the Air	-	-	75	76	67	75	75	78	60	64	67	73	68	71	67
Rain-fall (in inches)	-	-	0.43	0.79	0.00	0.01	0.97	0.66	0.00	0.00	0.00	0.51	0.74	0.13	0.09
Registered Sunshine (in hours)	-	-	26.5	17.8	49.7	43.0	33.9	29.3	95.9	72.1	68.0	26.2	43.9	31.4	49.4
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>															
Small-pox	-	-	3	3	-	-	1	1	1	1	1	1	2	-	-
Scarlet Fever	-	-	2144	2131	2139	2210	2161	2201	2212	2269	2280	2367	2430	2530	2601
Diphtheria	-	-	1034	997	1040	1065	1066	1111	1134	1159	1170	1230	1280	1347	1434
Enteric Fever	-	-	125	124	118	107	99	102	94	97	93	103	105	94	99

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Haisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. V. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott Esq., Bristol; E. Simpson, Esq., Wrottesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford and Mr. E. Peak, Hull.]

### USES OF DEATH

The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population. Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or, when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement." The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered in each SUB-DISTRICT during the Week ending Saturday, 15th July, 1899.

The DEATHS registered during the Week include																	
REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of													
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from											
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON -	4,411,710	2,351	1,387	367	321	1	43	4	37	26	-	6	-	75	67	128	455
WEST DISTRICTS - - -	778,251	339	217	60	64	-	3	1	2	-	-	-	-	13	8	19	71
NORTH DISTRICTS - - -	1,040,694	532	271	61	75	-	2	2	11	4	-	3	-	10	13	24	91
CENTRAL DISTRICTS - - -	233,635	112	73	21	14	-	3	-	1	3	-	1	-	5	5	6	37
EAST DISTRICTS - - -	716,334	441	286	89	49	-	14	-	-	7	-	1	-	29	13	34	96
SOUTH DISTRICTS - - -	1,642,796	927	506	136	107	-	26	1	23	12	-	-	-	18	28	45	126
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* }	-	-	34	-	12	1	-	-	-	-	-	1	-	-	-	-	34
WEST DISTRICTS.																	
St. Mary Paddington } G. & W.	90,996	55	14	3	5	-	1	-	1	-	-	-	-	-	-	2	-
WHH } - - G.	33,510	10	12	2	3	-	-	-	-	-	-	-	-	1	2	2	4
St. John Paddington H - -	48,301	6	9	1	5	-	-	-	-	-	-	-	-	-	-	-	-
Kensington Town Ww - - W.	122,164	55	50	13	20	-	1	-	-	-	-	-	-	4	-	2	26
Brompton HH- - - W. & C.	48,301	6	9	1	5	-	-	-	-	-	-	-	-	-	1	2	2
North Hammersmith† H } W. & G	44,638	26	12	8	-	-	-	-	-	-	-	-	-	2	-	-	-
South Hammersmith† H } - - C.	59,561	21	10	4	3	-	-	-	1	-	-	-	-	-	-	2	1
Fulham Ww - - - W. & C.	113,781	70	36	14	8	-	-	1	-	-	-	-	-	3	2	5	8
Chelsea Kensal Town - - C.	21,450	11	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Chelsea North WHHHH - - C.	42,057	20	12	3	3	-	-	-	-	-	-	-	-	-	1	1	8
Chelsea South HH - - C.	33,139	8	10	4	2	-	1	-	-	-	-	-	-	1	-	-	1
May Fair W - - - G.	23,827	4	10	-	5	-	-	-	-	-	-	-	-	-	1	1	7
Belgrave WHHH - - - C.	56,140	24	12	1	1	-	-	-	-	-	-	-	-	-	-	1	6
St. John Westminster HH - - C.	31,492	15	9	3	4	-	-	-	-	-	-	-	-	-	-	-	-
St. Margaret Westminster H- C.	22,097	6	5	1	1	-	-	-	-	-	-	-	-	-	-	-	4
St. James Westminster } N. & G.	23,050	16	7	-	4	-	-	-	-	-	-	-	-	-	1	1	2
WHH } - - N.	12,048	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
St. Anne Soho HHHHHH - -																	
NORTH DISTRICTS.																	
All Souls Marylebone } - - W.	36,595	12	10	1	3	-	-	-	-	-	-	-	-	1	1	1	5
HHHHHHHH } - - G. & W.	19,798	5	4	1	2	-	-	-	-	-	-	-	-	-	2	2	2
Rectory Marylebone W } - - G. & W.	19,637	39	6	3	2	-	-	-	-	-	-	-	-	-	-	-	3
HHHH } - - W	32,547	17	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone H -	32,611	18	9	2	-	-	-	-	-	-	-	-	-	1	-	-	-
St. John Marylebone HHH W.																	
Hampstead } - N. & W.	75,449	22	15	2	4	-	-	1	1	1	-	1	-	-	1	1	7
WwHHHH } - - N. & W.																	
Regent's Park Pancras HH - W.	37,341	24	7	2	1	-	-	-	-	-	-	-	-	-	-	2	-
Tottenham-court } - N. & W.	26,757	13	16	4	3	-	-	-	-	-	-	-	-	-	-	2	10
wHHHH } - - N.																	
Gray's Inn Lane HHH - - N.	29,426	16	13	5	1	-	-	-	-	-	-	1	-	-	1	2	5
Somers Town HH - - N.	32,161	18	19	6	4	-	-	-	-	-	-	-	-	-	1	1	6
Camden Town WH - - N.	16,669	6	5	1	3	-	-	-	-	-	-	-	-	-	1	-	3
Kentish Town WW - - N.	98,410	39	23	3	9	-	-	1	-	1	-	-	-	1	1	2	11
Upper Holloway } - - N.	98,273	48	32	4	6	-	-	-	1	1	-	-	-	-	1	2	21
WWWwHH } - - N.																	
Islington South-west H - - N.	107,365	59	17	4	8	-	-	-	-	1	-	-	-	-	-	-	-
Islington South-east - - N.	66,549	34	14	4	4	-	-	-	3	-	-	-	-	-	-	1	-
Highbury HH - - N.	64,577	29	11	-	7	-	-	-	-	-	-	-	-	-	1	2	-
Stoke Newington H - - N.	33,485	15	7	1	4	-	-	-	-	-	-	-	-	-	-	-	-
North Hackney - - E. & N.		17	12	3	6	-	1	-	-	-	-	-	-	-	1	1	-
Central Hackney ww - - E. & N.		28	11	3	-	-	1	-	-	-	-	-	-	-	1	1	-
South-west Hackney HHH E. & N.	213,044	32	16	4	2	-	-	-	3	-	1	-	-	-	-	4	2
South-east Hackney WwH E. & N.		41	21	7	6	-	-	-	1	-	-	-	-	-	1	4	12

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there; namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other Districts than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifiy Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. Ne River; E. East London; and K. the Kent Company.

\* See note † on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and were named North Hammersmith and South Hammersmith, respectively.



TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE &c., registered in each SUB-DISTRICT during the Week ending Saturday, 15th July, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- me- rated Popu- lation.  1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include															Deaths in Public Institutions	Un- certified Deaths	Causes of Deaths
				Deaths of		Deaths from															
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Fever.	Continued Fever.	Diarrhoea.	Violence					
CENTRAL DISTRICTS.																					
St. George Bloomsbury - - N.	16,110	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles South WH - - N.	12,976	19	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles North H - - N.	3,151	5	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
St. Martin-in-the-Fields HHN. & C.	13,077	5	4	1	-	-	-	-	-	-	-	-	-	-	1	1	1	2	-	-	
Strand WHH - - - N.	11,839	5	3	2	3	-	-	-	-	-	-	1	-	-	-	-	-	12	-	-	
Strand Union Workhouse, Edmonton	†1,037	-	5	2	3	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	
Holborn w HHHHHHHH - - N.	31,042	13	13	6	3	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	
St. James Clerkenwell - - N.	15,777	8	2	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Amwell Clerkenwell - - N.	34,356	17	5	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	
Goswell-street - - - N.	16,069	6	3	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
City-road HHHH - - - N.	29,897	25	9	3	1	-	1	-	-	1	-	-	-	-	1	-	-	2	-	-	
Whitecross-street - - N.	7,595	4	4	3	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	
Finsbury - - - N.	4,035	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Holborn Union Workhouse, Mitcham	†892	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
St. Botolph H - - N. & E.	6,870	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cripplegate - - - N.	3,299	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Sepulchre WH - - N.	9,591	1	16	2	2	-	-	-	1	-	-	-	-	-	1	4	4	14	-	-	
Allhallows Barking - - N.	9,059	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Broad Street H - - N.	2,892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
City of London Asylum, Stone	†388	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EAST DISTRICTS.																					
Shoreditch South HI - E. & N.	17,975	10	4	3	-	-	2	-	-	-	-	-	-	-	1	-	-	-	-	-	
Hoxton New Town w - - N.	29,576	25	14	5	5	-	1	-	-	-	-	-	-	-	2	-	-	4	-	-	
Hoxton Old Town - - - N.	27,645	20	10	5	-	-	1	-	-	-	-	-	-	-	2	-	-	-	-	-	
Haggerston WH - - N. & E.	47,163	32	29	12	5	-	2	-	-	2	-	1	-	-	4	1	1	15	-	-	
Bethnal Green North H - E.	49,301	28	14	7	1	-	-	-	-	1	-	-	-	-	3	1	2	-	-	-	
Bethnal Green South - - E.	34,194	21	12	3	3	-	-	-	-	1	-	-	-	-	1	1	3	-	-	-	
Bethnal Green East WHI - E.	45,667	22	24	4	6	-	-	-	-	1	-	-	-	-	-	1	-	13	-	-	
Spitalfields - - - E. & N.	26,681	31	6	3	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	
Mile End New Town* WH - E.	51,995	28	46	6	7	-	3	-	-	-	-	-	-	-	-	4	8	40	-	-	
Goodman's Fields* - - E.		11	7	3	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	
St. George's North - - - E.	39,576	27	6	4	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	
St. John, St. George East W E.	7,930	5	8	-	2	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	
Shadwell H - - - E. & N.	10,434	5	8	4	-	-	-	-	-	-	-	-	-	-	2	-	1	6	-	-	
Ratcliff W - - - E.	14,954	3	4	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	
Limehouse - - - E.	32,917	19	7	2	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	
Mile End Old Town West H E.	111,060	35	17	4	4	-	-	-	-	1	-	-	-	-	2	-	2	-	-	-	
Mile End Old Town East } - E.		29	18	6	5	-	-	-	-	-	-	-	-	-	1	1	2	5	-	-	
W W w w																					
Bow I - - - E.	41,687	21	11	4	4	-	-	-	-	-	-	-	-	-	2	-	2	1	-	-	
Bromley w w w H - - - E.	69,821	33	18	6	2	-	2	-	-	1	-	-	-	-	3	-	6	5	-	-	
Poplar WW - - - E.	57,759	36	23	7	5	-	1	-	-	-	-	-	-	-	2	-	1	-	-	-	

† Population in 1891, not included in the total population of the Central Districts or of London.

\* Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.

TABLE 5 LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 15th July, 1899—continued.

The DEATHS registered during the Week include																	
REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Deaths of		Deaths from										Deaths in Public Institutions		
			Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.		Inquest Cases.	
SOUTH DISTRICTS.																	
Christchurch Southwark WHL.&S.	13,064	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Saviour Southwark - S.	12,301	7	3	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Kent-road - S. & L.	22,879	3	2	1	-	-	-	-	-	-	-	-	-	-	-	1	4
Borough-road WH - S. & L.	16,083	10	5	2	-	3	-	1	-	-	-	-	-	-	-	-	-
London-road HL - L. & S.	21,316	8	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1
Trinity Newington - S. & L.	28,723	15	7	1	-	-	-	1	-	-	-	-	-	-	1	1	1
St. Peter Walworth W - S. & L.	62,045	33	18	7	4	-	-	-	1	-	-	-	-	-	2	2	2
St. Mary Newington- L. & S.	30,171	26	7	4	1	-	-	-	-	-	-	-	-	-	1	1	1
St. Olave WH - - - S.	11,731	8	15	3	2	-	-	-	1	-	-	-	-	-	2	2	13
Bermondsey W - - S.	85,475	43	22	9	1	-	1	-	1	-	-	-	-	-	1	2	3
Rotherhithe WwH - S. & K.	40,379	23	17	5	5	-	1	-	1	1	-	-	-	-	2	3	1
Waterloo-road HH - L. & S.	28,396	28	7	2	-	-	1	-	-	-	-	-	-	-	-	-	2
Lambeth Church 1st H - L. & S.	18,770	7	18	1	2	-	1	-	-	-	-	-	-	-	1	2	12
Lambeth Church 2nd WW - L. & S.	40,994	19	33	4	10	-	5	-	1	-	-	-	-	-	1	2	17
Kennington 1st H - S. & L.	52,486	43	17	8	2	-	2	-	1	-	-	-	-	-	1	1	1
Kennington 2nd - S. & L.	43,244	20	11	3	1	-	1	-	1	-	-	-	-	-	1	3	5
Brixton w - L. & S.	81,825	39	14	4	3	-	1	1	4	1	-	-	-	-	-	-	1
Norwood WH - - - L.	29,318	16	6	2	1	-	-	-	1	-	-	-	-	-	-	-	-
East Battersea - - - S.	71,730	36	23	12	1	-	-	-	-	1	-	-	-	-	2	2	3
West Battersea WwH - - S.	93,385	43	22	10	3	-	-	-	-	-	-	-	-	-	1	2	1
Clapham H - - - S.	46,953	30	14	2	5	-	-	-	1	-	-	-	-	-	-	1	2
Wandsworth WHHL - - S.	58,101	35	8	3	2	-	-	-	-	-	-	-	-	-	-	-	-
Putney - - - S.	20,566	8	6	1	1	-	1	-	-	-	-	-	-	-	2	2	2
Streatham Wwvwl - - L.	61,644	33	14	3	5	-	-	-	-	-	-	-	-	-	1	2	-
Dulwich - - - L. & S.	7,519	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell Wwll - - S. & L.	90,286	50	33	4	10	-	1	-	-	-	-	-	-	-	2	1	26
Peckham WW - S., L. & K.	88,242	53	21	7	2	-	2	-	1	-	-	-	-	-	1	1	1
St. George Camberwell - L. & S.	67,029	31	22	10	3	-	2	-	-	2	-	-	-	-	3	1	3
Deptford North - - - K.	36,152	27	11	6	2	-	-	-	-	-	-	-	-	-	1	1	-
Deptford Central w - - K.	45,441	34	21	4	3	-	1	-	9	-	-	-	-	-	1	1	9
Deptford South - - - K.	33,402	24	7	-	3	-	1	-	-	-	-	-	-	-	-	-	-
Greenwich West H - - K.	23,012	15	8	1	3	-	-	-	-	-	-	-	-	-	1	1	1
Greenwich East WH - - K.	37,767	16	21	3	5	-	-	-	-	-	-	-	-	-	1	1	11
Eltham wH - - - K.	5,911	-	4	-	3	-	-	-	-	-	-	-	-	-	-	-	-
Lee H - - - K.	24,222	12	4	1	1	-	1	-	-	-	-	-	-	-	-	-	1
Lewisham WwH - - - K.	38,139	38	15	1	5	-	-	-	2	-	-	-	-	-	1	1	6
Sydenham H - - - L.	37,601	26	8	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Charlton wHH - - - K.	15,928	7	4	-	1	-	-	-	1	-	-	-	-	-	-	-	2
Woolwich Dockyard - - K.	19,355	13	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Woolwich Arsenal HHHH - K.	21,959	12	5	1	1	-	1	-	1	-	-	-	-	-	-	-	-
Plumstead West H - - K.	16,714	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Plumstead East WH - - K.	42,538	24	16	1	7	-	-	-	1	-	-	-	-	-	1	1	6
Banstead Asylum - - -	-	-	3	-	2	-	-	-	-	-	-	-	-	-	-	-	3
Caterham Asylum - - -	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cane Hill Asylum - - -	-	-	11	-	4	-	-	-	-	-	-	-	-	-	-	-	11
Hospital Ships and Camp, Dartford	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Darenth Asylum - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London County Asylum, Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heath - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hanwell Asylum - - -	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4
Colney Hatch Asylum - - -	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	2
N.E. Hospital - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winchmore Hill Hospital - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leavesden Asylum - - -	-	-	5	-	1	-	-	-	-	-	-	-	-	-	1	-	5
Claybury Asylum - - -	-	-	5	-	3	-	-	-	-	-	-	-	-	-	-	-	5
London County Lunatic Asylum, Horton.	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1

**TABLE 6.—LONDON.—OUTER RING** (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 15th July, 1899.

					The DEATHS registered in the Week include														
REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.					
LONDON—OUTER RING	368,749	1,422,063	1004	394	122	98	-	7	1	13	3	3	21	23	35	49	3		
1 Carshalton WHH - - -	12,228	26,108	11	9	3	3	-	-	-	-	-	-	-	-	-	1	-		
2 Epsom, part of* WwHH -	10,423	12,508	9	2	-	1	-	-	-	-	-	-	-	-	-	-	1		
1 Godstone, part of* W - -	2,754	1,598	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 Croydon WwHHH - - -	20,851	128,699	60	29	8	10	-	-	-	-	1	-	2	3	6	7	-		
Mitcham w - - -	11,697	23,072	13	4	2	-	-	-	-	-	-	-	-	-	-	-	-		
1 Wimbledon HHH - - -	3,220	25,777	19	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
2 Kingston WH - - -	14,672	33,566	25	6	3	1	-	-	-	-	-	-	1	-	-	-	1		
3 Surbiton H- - -		12,178	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4 Esher, part of* HH - - -		11,080	7	2	-	2	-	-	-	-	-	-	-	-	-	-	1		
5 Hampton HL - - -		18,252	21	2	-	2	-	-	-	-	-	-	-	-	-	-	-		
1 Richmond WH - - -	2,160	25,389	7	5	1	1	-	-	-	-	-	-	-	-	-	-	-		
2 Mortlake H - - -	2,823	16,159	6	4	1	1	-	-	-	-	-	-	-	1	1	-	-		
1 Bromley HHH - - -	9,127	23,815	12	4	1	1	-	-	-	1	-	-	-	-	-	2	1		
2 Beckenham H - - -	6,542	21,969	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3 Chislehurst, part of* WHH	14,307	20,372	9	5	2	-	-	-	-	-	-	-	-	-	1	-	-		
1 Bexley HHH - - -	12,540	30,590	16	6	-	4	-	-	-	-	-	-	-	-	-	-	-		
2 Dartford WH, part of* -	-	-	-	3	-	2	-	-	-	-	-	-	-	-	-	3	-		
1 Sunbury w - - -	11,054	13,671	9	4	1	1	-	-	-	-	-	-	1	2	2	-	-		
2 Staines WH - - -	13,277	13,221	10	6	2	2	-	-	-	-	-	-	-	-	1	2	-		
1 Hillingdon WHH - - -	6,035	12,237	7	5	1	2	-	-	-	-	-	-	1	-	-	1	-		
2 Uxbridge - - -	12,757	7,253	2	2	-	2	-	-	-	-	-	-	-	-	-	-	-		
3 Hayes WH - - -	7,952	11,051	7	3	1	1	-	-	-	-	-	-	1	-	-	-	-		
1 Isleworth WHH - - -	6,967	26,004	15	6	1	2	-	-	-	-	-	-	1	1	1	1	-		
2 Twickenham HH - - -	2,415	16,027	16	10	3	2	-	-	-	-	-	-	-	1	2	1	-		
3 Brentford HHHH - - -	4,318	37,777	20	9	4	1	-	1	-	-	-	-	-	-	1	-	-		
4 Chiswick - - -	1,245	21,963	12	7	1	1	-	-	-	-	1	-	-	1	1	-	-		
5 Acton WHH - - -	6,132	30,945	43	8	3	1	-	-	-	-	-	-	2	1	1	-	-		
1 Harrow HHH - - -	13,809	15,715	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
2 Edgware HH - - -	6,994	3,844	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
3 Willesden HHH - - -	4,383	61,265	59	20	7	6	-	1	-	-	-	-	2	-	-	-	-		
4 Hendon WH - - -	8,382	15,843	12	6	1	1	-	-	-	-	-	-	-	-	-	4	-		
1 South Mimms HH - - -	21,077	6,367	2	1	1	-	-	-	-	-	-	-	1	-	-	-	-		
2 Barnet WHH - - -		14,152	9	6	1	3	-	-	-	-	-	-	-	-	-	1	-		
3 Finchley HHH - - -		25,820	17	3	1	2	-	-	-	-	-	-	-	-	-	-	-		
1 Hornsey HH - - -	3,039	61,097	37	15	3	5	-	-	-	-	-	-	-	-	-	-	-		
2 Tottenham HH - - -	4,642	97,174	71	20	10	3	-	-	-	-	-	-	-	-	-	-	-		
3 Edmonton WwW - - -	7,489	36,351	40	8	3	1	-	1	-	2	-	-	1	1	1	1	-		
4 Enfield WWHH - - -	12,602	31,536	22	12	2	1	-	1	-	-	-	-	1	3	3	1	1		
5 Waltham Abbey - - -	11,017	6,066	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
6 Cheshunt H - - -	8,480	9,620	6	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
1 Hatfield, part of* W - -	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2 Bushey H - - -	9,331	7,737	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
1 Watford WH, part of* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2 Stratford H - - -	4,706	38,612	32	10	3	2	-	-	-	3	-	-	-	-	-	1	-		
1 Plaistow WHHH - - -		59,030	55	16	6	2	-	-	-	-	-	1	1	2	2	3	4		
2 Canning Town H - - -		54,750	39	24	11	2	-	-	-	-	-	-	2	3	4	1	-		
3 Forest Gate w - - -		53,511	28	14	7	4	-	1	-	1	-	-	-	-	-	-	-		
4 East Ham WHH - - -	3,266	32,713	45	25	11	7	-	-	-	-	1	2	-	-	-	-	-		
5 Leyton WWWWH - - -	4,334	70,188	41	23	5	5	-	1	-	1	-	-	2	2	2	6	-		
6 Walthamstow HHL - -	6,501	57,330	55	22	9	3	-	-	-	5	-	-	1	1	-	-	-		
1 Chigwell, part of* HHHH	11,779	12,941	7	5	1	2	-	-	-	-	-	-	-	-	-	2	-		
2 Epping WH, part of* - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 Romford, part of* WH -	6,556	4,324	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2 Ilford - - -	8,493	10,913	11	4	-	1	-	-	-	-	1	-	-	-	-	1	-		
3 Barking Town, H - - -	3,814	14,301	18	3	1	-	-	-	-	-	-	-	-	-	-	-	-		
Middlesex County Asylum, Wandsworth.	-	-	-	6	-	3	-	-	-	-	-	-	-	-	-	6	-		
S.E. Fever Hosp., Deptford	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	-		

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warrington and Epsom in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in Epsom sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Infectious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.



TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 15th July, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include									
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from							
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
GREATER LONDON	443,421	6,528,434	14.2	2.0	1781	489	419	1	55	5	50	29	9	96	90
INNER LONDON -	74,672	4,546,752	15.9	2.3	1387	367	321	1	48	4	37	26	6	75	67
OUTER RING -	368,749	1,981,682	10.4	1.3	394	122	98	-	7	1	13	3	3	21	23

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.
EDINBURGH -	298,927	July	15	169	99	17.3	-	-	1	1	5	2
GLASGOW -	733,903	"	15	404	242	17.2	-	8	1	1	2	2
DUBLIN -	349,594	"	15	185	173	25.8	-	7	-	3	4	1
CALCUTTA -	466,460	June	3	-	275	30.7	-	-	-	1	-	83†
BOMBAY -	821,764	"	20	123	482	30.5	6	10	?	?	?	89†
MADRAS -	452,518	"	2	400	310	35.6	2	4	?	?	?	58
PARIS -	2,511,629	July	8	1106	796	16.4	1	19	4	9*	2	10
BRUSSELS -	551,011	"	8	252	160	15.1	-	6	-	3*	1	2
AMSTERDAM -	512,758	"	1	281	116	11.7	-	-	-	1	1	1
ROTTERDAM -	311,301	"	1	215	99	16.3	-	-	-	1	3	1
THE HAGUE -	196,325	"	1	91	55	14.4	-	-	-	-	1	-
COPENHAGEN -	345,000	"	8	-	-	-	-	-	-	-	-	-
STOCKHOLM -	283,550	"	1	141	123	22.6	-	6	3	6*	-	1
CHRISTIANIA -	203,337	"	8	174	64	15.1	-	-	-	-	-	1
ST. PETERSBURG	1,132,677	"	1	556	456	21.0	5	23	11	15	5	17
MOSCOW -	988,610	"	1	-	566	20.9	7	6	4	9	2	4
BERLIN -	1,805,054	June	24	854	557	16.0	-	11	16	6	9	-
HAMBURG -	675,351	July	8	-	175	13.5	-	-	1	2*	4	-
DRESDEN -	389,300	June	3	-	-	-	-	-	-	-	-	-
BRESLAU -	406,012	July	8	-	184	23.6	-	3	5	-	-	-
MUNICH -	445,000	"	1	-	193	22.6	-	-	1	1*	3	-
VIENNA -	1,606,629	"	8	799	586	18.8	-	11	5	5*	1	-
PRAGUE -	380,497	"	8	170	172	23.3	-	1	3	-	2	2
BUDA-PESTH -	668,722	"	1	422	236	18.4	-	2	5	3	-	1
TRIESTE -	165,913	June	24	-	-	-	-	-	-	-	-	-
ROME -	500,610	"	17	200	172	17.9	-	-	-	-	-	25
TURIN (10 days)	344,203	May	20	184	159	16.9	-	1	-	2	3	2
VENICE -	169,883	July	1	80	49	15.0	-	-	-	-	-	1
CAIRO -	570,062	April	15	-	-	-	-	-	-	-	-	-
ALEXANDRIA -	319,766	"	15	-	-	-	-	-	-	-	-	-
NEW YORK (including BROOKLYN)	3,550,053	June	17	1316	1070	15.7	2	16	13	31	9	6
PHILADELPHIA -	1,266,832	"	24	-	379	15.6	-	-	3	22	7	9

\* Including deaths from croup.

† Including 22 deaths from plague in Calcutta and 53 in Bombay.

‡ Including 16 deaths from cholera in Calcutta, 1 in Bombay, and 3 in Madras.

§ Including malarial fever.

1899.		Phases of the Moon.		Baro-Meter.	TEMPERATURE.						Difference between the Air and Surface Temperature.				TEMPERATURE.				Wind as deduced from Anemometers.				Rain collected in a cistern whose surface is 100 square feet.	Ozons.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
					Of the Air.				Of the Dew point.		Of the Air and Surface Temperature.		Of Radiation.		Of the Earth's surface.		General Direction.		Pressure on the Square Foot.		Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
JULY.	SUNDAY - 9	..	Apogee	..	in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometers 159 feet above the mean level of the sea, no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M. and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of correction tables deduced from a discussion of the photographic records made during the twenty years ending 1878 for the barometer, and during the twenty years ending 1886 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "higher", and - "lower", than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable.

The numbers in column 28 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29.98 in. at the beginning of the week 29-35 in. by 9h. A.M. on the 22nd; and increased to 30.04 in. by the end of the week.

LONDON:  
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1899.



# WEEKLY RETURN

## OF

# BIRTHS AND DEATHS IN LONDON

### AND IN

## THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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General Register Office, Somerset House,  
July 24th, 1899.

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 18·4 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	July 1.	July 8.	July 15.	July 22.		July 1.	July 8.	July 15.	July 22.
33 Great Towns	15·7	16·0	16·9	18·4	Leicester - -	13·9	16·3	17·3	12·9
Birkenhead -	12·7	14·5	13·6	23·1	Liverpool - -	21·3	24·2	23·3	26·6
Birmingham -	15·4	12·9	18·6	21·1	London - - -	14·9	15·0	15·9	18·2
Blackburn -	10·4	12·3	17·0	17·4	Manchester -	21·3	24·8	21·5	22·0
Bolton -	13·5	14·5	15·1	16·1	Newcastle-on-Tyne	14·6	16·6	19·2	16·2
Bradford -	14·8	12·1	15·9	16·1	Norwich - -	13·4	12·9	12·4	14·3
Brighton -	14·8	14·0	16·1	7·6	Nottingham -	12·9	17·0	19·4	19·2
Bristol -	15·1	14·1	13·8	14·1	Oldham - - -	14·2	17·3	13·8	15·2
Burnley -	18·9	16·1	17·1	10·6	Plymouth - -	13·5	18·1	15·0	22·8
Cardiff -	13·5	15·2	11·8	14·0	Portsmouth -	15·0	11·8	12·0	16·9
Croydon -	15·5	10·6	11·0	13·5	Preston - - -	13·7	14·6	13·3	13·7
Derby -	16·7	12·7	12·7	12·7	Salford - - -	17·9	19·4	24·6	29·4
Gateshead -	22·5	15·7	17·6	21·0	Sheffield - -	20·6	21·5	24·1	26·7
Halifax -	12·8	16·0	18·7	17·6	Sunderland -	16·1	15·8	16·1	12·5
Huddersfield -	13·6	17·6	11·1	10·6	Swansea - - -	13·1	12·1	20·1	14·1
Hull -	17·4	15·4	12·9	13·6	West Ham - -	11·8	10·8	12·0	14·6
Leeds -	14·4	15·1	17·1	20·4	Wolverhampton	17·6	14·7	21·1	11·7

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Oldham, 1·5 in Liverpool, 1·6 in Manchester, and 2·6 in Salford; from *scarlet fever*, 1·1 in Halifax; from *whooping-cough*, 1·5 in Huddersfield; and from *diarrhœa*, 2·0 in Bradford, 2·1 in London, 2·2 in Manchester, 2·4 in Salford, 2·6 in West Ham and in Leeds, 2·8 in Birmingham, 3·3 in Portsmouth, 3·9 in Liverpool, 4·1 in Nottingham, 5·0 in Birkenhead, and 5·2 in Sheffield. In none of the thirty-three towns did the death-rate from "*fever*" reach 1·0 per 1000. The 83 deaths from *diphtheria* included 42 in London, 12 in Leeds, 7 in Sheffield, 4 in Cardiff, and 3 in Salford. No death from *small-pox* was registered in any of the thirty-three towns.

### LONDON.

In LONDON† 2444 BIRTHS and 1589 DEATHS were registered. Allowing for increase of population, the births were 190, and the deaths 124,

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7 added to the Outer Ring, or to other areas to which they belong.

below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 14·9, 15·0, and 15·9 in the preceding three weeks, further rose last week to 18·2. During the four weeks ending on Saturday last the death-rate averaged 16·0 per 1000, being 2·0 per 1000 below the mean rate in the corresponding periods of the ten years 1889–98.

The 1589 deaths included 46 from measles, 8 from scarlet fever, 42 from diphtheria, 20 from whooping-cough, 8 from enteric fever, 185 from diarrhoea and dysentery, 7 from cholera and choleraic diarrhoea, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 316 deaths were referred to these diseases, being 87 below the corrected average weekly number.

The deaths from *measles*, which had been 51, 50, and 48 in the preceding three weeks, further fell last week to 46, and were 9 below the corrected average; 5 cases belonged to Poplar, 5 to Lambeth, 4 to St. Margaret Westminster, and 4 to Islington sanitary areas. The deaths from *scarlet fever*, which had been 11, 12, and 4 in the preceding three weeks, rose again last week to 8, but were 12 below the corrected average; 2 cases belonged to Battersea sanitary area. The deaths from *diphtheria*, which had been 25, 31, and 37 in the preceding three weeks, further rose last week to 42, and were 3 above the corrected average; 7 cases belonged to Lambeth, 6 to Camberwell, and 6 to Islington sanitary areas. The deaths from *whooping-cough*, which had been 26, 27, and 26 in the preceding three weeks, fell last week to 20, and were 22 below the corrected average. The fatal cases of *enteric fever*, which had been 11, 7, and 6 in the preceding three weeks, rose again last week to 8, the corrected average being 7. The deaths from *diarrhoea*, which had been 20, 28, and 75 in the preceding three weeks, further rose last week to 185, but were 47 below the corrected average. Of the 185 deaths from diarrhoea, 176 were of children under 5 years of age; 57 more deaths at this age-period were described as due to *gastro-enteritis*, which appears as a separate heading in Table 4. The deaths referred to diseases of the respiratory organs, which had been 159, 194, and 177 in the preceding three weeks, further fell last week to 149, and were 28 below the corrected average. The deaths attributed directly to *influenza* numbered 11, having been 12, 11, and 7 in the preceding three weeks. The death of a horse-keeper aged 43 years was certified as due to *equinia*.

Different forms of violence caused 77 deaths, concerning all but 7 of which inquests were held. Of these 77 deaths, 11 were cases of suicide, while the remaining 66 were attributed to accident or negligence. Ten of these were referred to vehicles in the streets, 9 to drowning, 3 to sunstroke, and 13 (of infants under one year of age) to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2653 cases of scarlet fever, 1488 of diphtheria, and 104 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 292 cases, against 302, 315, and 299; of diphtheria, 224 cases, against 225, 218, and 222; and of enteric fever, 23 cases, against 17, 11, and 22.

#### GREATER LONDON.

In Greater London 3465 births and 2071 deaths were registered, corresponding to annual rates of 27·7 and 16·5 per 1000 of the estimated population. In the Outer Ring 17 deaths from measles, 9 from diphtheria, 7 from whooping-cough, 2 from “fever,” and 47 from diarrhoea were registered. Eight deaths from measles, 4 from diphtheria, and 18 from diarrhoea occurred in West Ham district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·87 inches, and that of the Thermometer 70°·2; the latter being 7°·2 above the week's average in the 50 years 1841–90. The direction of the wind was variable, the horizontal movement of the air being 23 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 71·0 hours; the measured rainfall amounted to 0·06 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Small-pox, Scarlet Fever, Diphtheria, Enteric Fever, or Typhus respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.



CITIES AND BOROUGH.	POPULATION estimated to the middle of the Year 1891.*		Registered during the Week ending 25th July 1891.		Deaths of		Deaths from							Annual Rate per 1000, corresponding to the Week's Deaths.		TEMPERATURE OF THE AIR.						RAINFALL.		CITIES AND BOROUGH.	
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	Fahrenheit.		Mean.		In Inches.		In Centi- metres.
																			Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.
33 TOWNS.	11,404,408	6305	4028	1423	726	-	126	37	83	56	30	466	161	291	823	48	184	376	885	470	643	1794	028	071	33 TOWNS.
LONDON.	4,546,752	2444	1589	556	317	-	46	8	42	20	8	185	77	137	453	12	182	35	885	514	702	2122	006	015	LONDON.
WEST HAM.	300,241	163	84	41	5	-	1	-	2	2	-	15	2	3	10	-	146	35	-	-	-	-	-	-	WEST HAM.
CROYDON.	127,759	56	33	7	11	-	2	-	-	-	-	2	1	4	7	-	135	16	882	515	694	2078	003	003	CROYDON.
BRIGHTON.	123,226	53	18	2	5	-	-	-	1	-	-	-	4	6	2	-	76	04	822	520	683	2017	030	076	BRIGHTON.
PORTSMOUTH.	190,741	96	62	25	7	-	1	-	2	-	3	12	4	5	5	4	169	49	-	-	-	-	-	-	PORTSMOUTH.
PLYMOUTH.	100,337	75	44	14	13	-	-	-	-	-	-	2	1	2	5	-	228	10	-	-	-	-	-	-	PLYMOUTH.
BRISTOL.	320,911	146	87	27	17	-	-	-	4	3	2	4	2	3	20	-	141	13	874	505	646	1811	000	000	BRISTOL.
CARDIFF.	185,826	100	50	15	6	-	-	-	-	-	-	1	1	1	3	-	140	36	-	-	-	-	-	-	CARDIFF.
SWANSEA.	103,722	51	28	8	6	-	-	-	2	-	-	1	1	1	3	-	141	15	-	-	-	-	-	-	SWANSEA.
WOLVERHAMPTON.	88,821	62	20	7	6	-	-	1	1	-	-	2	3	4	2	-	117	23	702	496	632	1733	030	076	WOLVERHAMPTON.
BIRMINGHAM.	614,956	277	208	92	27	-	8	-	1	2	-	23	11	15	33	3	211	39	-	-	-	-	-	-	BIRMINGHAM.
NORWICH.	113,263	85	31	11	5	-	-	-	-	-	-	3	-	1	3	1	143	14	-	-	-	-	-	-	NORWICH.
LEICESTER.	213,851	96	53	17	13	-	-	-	1	2	-	4	2	4	9	3	129	17	-	-	-	-	-	-	LEICESTER.
NOTTINGHAM.	239,384	159	88	37	10	-	2	1	2	2	-	19	2	3	16	1	192	57	803	495	637	1761	005	013	NOTTINGHAM.
DERBY.	106,401	76	28	8	7	-	-	-	1	-	-	2	-	1	4	-	127	15	-	-	-	-	-	-	DERBY.
BIRKENHEAD.	115,162	70	51	23	8	-	1	-	-	-	1	11	2	3	2	2	231	59	-	-	-	-	-	-	BIRKENHEAD.
LIVERPOOL.	634,212	390	323	121	45	-	18	7	-	5	5	48	14	21	66	6	266	68	722	553	615	1639	080	203	LIVERPOOL.
BOLTON.	162,221	91	50	13	12	-	1	1	-	1	2	5	2	3	3	1	161	32	-	-	-	-	-	-	BOLTON.
MANCHESTER.	543,402	341	229	81	30	-	17	1	-	3	2	23	7	22	44	1	220	44	-	-	-	-	-	-	MANCHESTER.
SALFORD.	218,244	133	123	42	21	-	11	-	3	2	2	10	2	4	14	-	294	67	-	-	-	-	-	-	SALFORD.
OLDHAM.	150,772	87	44	13	6	-	3	2	-	1	-	2	3	3	3	2	152	28	-	-	-	-	-	-	OLDHAM.
BURNLEY.	113,081	41	23	3	4	-	1	2	-	-	-	1	3	3	3	2	106	13	-	-	-	-	-	-	BURNLEY.
BLACKBURN.	135,154	64	45	12	11	-	2	-	-	2	2	2	1	1	2	3	174	31	-	-	-	-	-	-	BLACKBURN.
PRESTON.	117,622	62	31	10	10	-	-	-	1	1	-	3	1	1	5	-	137	22	-	-	-	-	-	-	PRESTON.
HUDDESFIELD.	103,464	43	21	4	6	-	-	-	-	3	-	1	-	1	1	-	106	20	782	480	606	1589	074	183	HUDDESFIELD.
HALIFAX.	97,721	39	33	5	9	-	-	-	-	-	-	1	1	2	6	-	176	16	-	-	-	-	-	-	HALIFAX.
BRADFORD.	236,241	112	73	22	16	-	1	3	-	2	1	9	2	5	20	3	161	35	746	492	601	1561	030	076	BRADFORD.
LEEDS.	423,880	243	166	49	27	-	1	3	12	3	-	21	3	12	24	2	204	52	-	-	-	-	-	-	LEEDS.
SHEFFIELD.	361,169	225	185	91	17	-	6	4	7	-	-	36	1	14	14	2	237	77	-	-	-	-	-	-	SHEFFIELD.
HULL.	234,270	133	61	17	13	-	-	1	-	2	-	1	4	4	12	1	136	99	810	470	615	1639	023	058	HULL.
SUNDERLAND.	145,613	87	35	9	10	-	1	-	-	1	-	1	4	2	4	1	125	07	-	-	-	-	-	-	SUNDERLAND.
GATESHEAD.	106,552	74	43	14	10	-	-	-	-	1	-	3	1	3	4	1	210	20	-	-	-	-	-	-	GATESHEAD.
NEWCASTLE.	228,625	131	71	22	14	-	1	-	-	-	2	2	3	8	17	1	162	11	-	-	-	-	-	-	NEWCASTLE.

\* See note \* on first page of this return.



TABLE 2. LONDON.—Births and Deaths Registered in the TWENTY-NINTH Week of each of the Eleven Years, 1889–99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889–98.*	1899
<b>TOTAL Births</b>	2627	2346	2504	2541	2498	2423	2557	2429	2601	2505	2633·6	2444
Males - -	1341	1230	1293	1337	1280	1262	1307	1203	1366	1256	1354·6	1279
Females - -	1286	1116	1211	1204	1218	1161	1250	1226	1235	1249	1279·0	1165
<b>TOTAL Deaths -</b>	1556	1522	1462	1551	1875	1405	1993	1891	1708	1330	1712·8	1589
Males - -	816	805	782	783	1000	744	1037	999	921	713	905·4	855
Females - -	740	717	680	766	855	661	959	892	787	617	807·4	734

\*The numbers in this column are the average weekly numbers in the twenty-ninth week of the ten years 1889–98, raised by 5·213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Apr. 29.	May 6.	May 13.	May 20.	May 27.	June 3.	June 10.	June 17.	June 24.	July 1.	July 8.	July 15.	July 22.
<b>TOTAL Births</b> - -	2693	2623	2574	2598	2306	2678	2445	2571	2422	2441	2484	2351	2444
<b>TOTAL Deaths</b> - -	1478	1397	1428	1419	1380	1483	1365	1316	1355	1297	1810	1387	1589
<b>Ages at Death</b>													
Under 1 year - -	325	277	285	277	296	281	281	299	272	264	299	367	556
1–5 years - -	185	165	196	170	174	168	218	173	199	156	184	175	201
5–20 " - -	87	84	72	77	73	92	79	71	91	78	86	82	85
20–40 " - -	172	202	206	219	166	211	197	171	215	212	157	171	151
40–60 " - -	289	282	282	314	295	351	264	290	279	287	255	271	279
60–80 " - -	321	305	320	297	289	310	269	260	254	240	270	270	254
80 years and upwards	89	82	67	65	73	70	57	52	45	60	59	51	63
<b>Deaths from—</b>													
Small pox - -	-	-	-	-	-	-	1	-	-	-	-	1	-
Measles - -	45	36	49	51	61	67	93	64	65	51	50	48	46
Scarlet Fever - -	6	10	2	9	5	4	5	7	4	11	12	4	8
Diphtheria - -	26	21	40	24	23	24	28	35	28	25	31	37	42
Whooping-cough - -	54	47	39	59	34	33	27	35	35	26	27	26	20
Typhus - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever - -	4	7	8	6	4	6	7	6	6	11	7	6	8
Simple Continued Fever - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery - -	10	12	9	12	10	13	12	12	9	20	28	7	185
Cholera - -	-	-	-	-	-	-	-	-	1	-	-	25	7
All the above Diseases - -	145	133	147	141	137	147	173	159	148	144	155	199	316
Dis. of Respiratory System - -	294	251	257	257	256	240	216	207	190	159	194	177	149
Phthisis - -	140	145	143	170	141	165	141	133	153	153	139	115	116
Dis. of Circulatory System - -	114	145	148	137	134	169	110	125	116	124	114	122	116
Violence - -	71	73	83	64	68	66	80	60	86	73	49	67	77
Inquest Cases - -	137	131	165	141	139	152	156	124	162	143	120	128	137
Deaths in Public Institutions - -	432	473	484	452	443	529	467	436	460	456	415	454	453
<b>TEMPERATURE OF THE AIR.</b>													
Mean - -	50·1	48·4	50·9	54·4	49·5	58·4	61·1	58·3	60·7	62·3	62·3	66·2	70·2
Mean of Highest readings - -	57·3	55·3	62·2	62·7	57·1	70·8	73·3	69·3	69·7	73·1	71·9	77·7	83·2
Mean of Lowest readings - -	44·1	37·2	41·7	48·3	43·2	43·6	49·1	45·1	53·7	53·8	54·3	56·9	57·9
Humidity of the Air - -	76	67	75	75	78	60	64	67	73	68	71	67	58
Rain-fall (in inches) - -	0·79	0·00	0·01	0·97	0·66	0·00	0·00	0·00	0·51	0·74	0·13	0·09	0·06
Registered Sunshine (in hours) - -	17·8	49·7	43·0	33·9	29·3	95·9	72·1	68·0	26·2	43·9	31·4	49·4	71·0
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - -	3	-	-	1	1	1	1	1	1	2	-	-	-
Scarlet Fever - -	2131	2139	2210	2161	2201	2212	2269	2380	2367	2430	2530	2602	2653
Diphtheria - -	997	1040	1063	1066	1111	1134	1159	1170	1230	1280	1347	1434	1488
Enteric Fever - -	124	118	107	99	102	99	97	93	109	105	94	99	104

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrothesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-NINTH Week of the Year 1899.

CAUSES OF DEATH		Corrected Averages for the 29th Week of the 10 years 1889-98.	In the Week ending Saturday, 22nd July 1899.										CAUSES OF DEATH		Corrected Averages for the 29th Week of the 10 years 1889-98.	In the Week ending Saturday, 22nd July 1899.									
			Deaths of Persons of the Ages													Deaths of Persons of the Ages									
			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	ALL AGES.	Under 20.				20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.						
				0-1.	1-5.	5-20.						0-1.								1-5.	5-20.				
CAUSES	- - -	1712.8	1589	556	201	85	151	279	254	63		Diseases of Circulatory System	115.4	116	2	-	9	22	35	39	9				
all- { Vaccinated†	-	0.4	-	-	-	-	-	-	-	-	-	Croup	2.8	2	-	2	-	-	-	-	-	-			
x { Unvaccinated	-	0.8	-	-	-	-	-	-	-	-	-	Bronchitis	78.6	50	17	6	-	-	-	25	4	2			
x { No Statement	-	0.3	-	-	-	-	-	-	-	-	-	Pneumonia	75.9	81	29	17	3	11	17	4	1	-			
les	-	55.1	46	14	30	2	-	-	-	-	-	Pleurisy	3.7	5	-	1	1	-	2	1	-	-			
et Fever	-	19.5	8	-	6	2	-	-	-	-	-	Other Diseases of Res- piratory System -	17.6	11	3	1	1	-	-	6	-	-			
us	-	0.2	-	-	-	-	-	-	-	-	-														
osing Fever	-	0.1	-	-	-	-	-	-	-	-	-														
enza	-	5.4	11	1	-	-	2	4	4	-	-	Dentition -	13.2	9	6	3	-	-	-	-	-	-			
opping-cough	-	42.2	20	13	7	-	-	-	-	-	-	Quinsy, Sore Throat	1.6	-	-	-	-	-	-	-	-	-			
theria	-	39.1	42	2	26	14	-	-	-	-	-	Enteritis -	66	66	47	10	1	-	3	4	1	-			
le Continued and	-	0.4	-	-	-	-	-	-	-	-	-	Gastro-enteritis -	60.6	22	12	2	2	-	4	2	-	-			
defined Fever -	-	8.5	8	-	-	2	4	1	1	-	-	Peritonitis -	7.0	6	1	1	2	-	2	-	-	-			
ic Fever	-	6.8	7	6	-	-	-	-	-	1	-	Diseases of Liver -	27.7	29	3	-	1	2	17	6	-	-			
era and Chol. Diarr.	-	231.8	185	153	23	-	2	4	3	-	-	Other Diseases of Digestive System }	41.6	47	14	3	3	2	10	11	4	-			
rhea, Dysentery	-	0.1	-	-	-	-	-	-	-	-	-														
ttent Fever	-	0.1	-	-	-	-	-	-	-	-	-														
rophobia	-	0.1	-	-	-	-	-	-	-	-	-														
lers	-	-	1	-	-	-	1	-	-	-	-														
ox and Effects of	-	-	-	-	-	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands -	2.3	4	-	-	-	1	2	1	-				
ecination -	-	-	-	-	-	-	-	-	-	-	-														
real Affections -	-	12.7	5	2	1	-	1	1	-	-	-														
ipelas	-	3.4	1	-	-	-	-	1	-	-	-														
nia and Septicæmia	-	1.1	2	-	-	-	1	1	-	-	-														
peral Fever	-	4.7	6	-	-	6	1	-	-	-	-	Diseases of Urinary System -	44.2	47	-	1	1	8	15	21	1	-			
r Zymotic Diseases	-	1.1	1	1	-	-	-	-	-	-	-														
sh	-	1.2	-	-	-	-	-	-	-	-	-	Diseases of Generative System -	4.7	6	-	1	-	2	2	1	-	-			
ns and other Para- cal Diseases	-	0.4	-	-	-	-	-	-	-	-	-	Accidents of Childbirth-	4.2	2	-	-	2	-	-	-	-	-			
ration, Want of	-	2.0	1	1	-	-	-	-	-	-	-	Diseases of Locomotive System -	6.4	4	1	1	-	-	1	1	-	-			
ast-milk	-	9.4	14	-	-	5	8	1	-	-	-														
holism	-	-	-	-	-	-	-	-	-	-	-	Diseases of Integumen- tary System -	4.6	7	1	1	-	1	-	3	1	-			
umatic Fever, eumatism of Heart matism	-	7.2	6	-	-	3	1	1	1	-	-	VIOLENT DEATHS.† (ACCIDENT.)													
-	-	1.1	1	-	-	-	-	1	-	-	-	By Railways -	4	4	-	1	-	2	1	-	-	-			
-	-	2.7	1	-	-	-	-	1	-	-	-	By Vehicles or Horses -	10	10	1	4	3	-	1	1	-	-			
ets	-	7.6	6	4	2	-	-	-	-	-	-	In Ships, Boats, Docks, (exclusive of Drown- ing)	2	2	-	-	-	1	1	-	-				
er	-	70.9	86	-	1	8	44	29	4	-	-	In Building Operations -	-	-	-	-	-	-	-	-	-				
Measenterica	-	40.6	18	12	4	1	1	-	-	-	-	In Conflagrations -	-	-	-	-	-	-	-	-	-				
rcular Meningitis	-	25.4	36	15	13	8	-	-	-	-	-	By Burns, Scalds, Ex- plosions	52.7	3	-	3	-	-	-	-	-				
icis	-	143.6	116	1	3	10	55	44	3	-	-	By Drowning -	9	9	2	6	1	-	-	-	-				
ula, Tuberculosis	-	22.1	10	4	3	2	-	1	-	-	-	By Suffocation in Bed -	13	13	-	-	-	-	-	-	-				
r Constitutional	-	10.9	14	-	3	-	1	4	4	2	-	By Poisons or Poisonous Vapours	1	1	-	-	1	-	-	-	-				
seases	-	-	-	-	-	-	-	-	-	-	-	Other or not stated causes -	24	24	9	1	1	1	5	5	2				
nature Birth	-	52.9	45	45	-	-	-	-	-	-	-	(VIOLENCE OTHER THAN ACCIDENTAL.)	21	-	-	-	-	-	-	-	-	-			
ectasis	-	3.4	2	2	-	-	-	-	-	-	-	Homicide	9.6	11	-	-	-	2	4	4	1	-			
enital Malforma- ns	-	9.3	9	9	-	-	-	-	-	-	-	Suicide	0.1	-	-	-	-	-	-	-	-	-			
Age	-	35.9	42	-	-	-	-	-	16	26	-	Execution	-	-	-	-	-	-	-	-	-	-			
lexy	-	35.9	38	-	-	1	15	19	3	-	-	OTHER CAUSES	79.7	74	63	2	1	-	4	4	-	-			
psy	-	7.3	4	-	-	2	1	1	-	-	-														
ulsions	-	47.6	44	35	9	-	-	-	-	-	-														
r Diseases of Brain d Nervous System	-	85.2	86	14	9	4	6	19	31	3	-														
ases of Organs of cial Sense	-	3.9	2	-	1	-	1	-	-	-	-														

The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement," the evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &c., registered in the SUB-DISTRICT during the Week ending Saturday, 22nd July, 1899.

The DEATHS registered during the Week include																			
REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from												Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.				
LONDON -	4,411,710	2,444	1,589	556	317	-	46	8	42	20	-	8	-	185	77	137	453		
WEST DISTRICTS.																			
St. Mary Paddington } G. & W.	90,996	61	26	5	10	-	-	1	-	-	-	-	-	2	1	1	6		
WHH - - -														1	-	-	1		
St. John Paddington H - - G.	33,510	12	6	2	2	-	-	-	-	-	-	-	-	1	-	-	1		
Kensington Town Ww - - W.	122,164	45	55	22	14	-	-	-	-	1	-	-	-	6	3	6	18		
Brompton HH - - W. & C.	48,301	11	2	1	-	-	-	-	-	-	-	-	-	1	-	-	1		
North Hammersmith H } W. & G.	44,638	30	21	11	2	-	-	-	1	1	-	-	-	4	1	2	3		
South Hammersmith H } - - -	59,561	34	15	3	3	-	-	-	1	1	-	-	-	2	1	2	3		
Fulham Ww - - W. & C.	113,781	83	43	18	10	-	-	1	2	-	-	1	-	7	3	3	17		
Chelsea Kensal Town - - C.	21,450	11	3	3	-	-	-	-	-	-	-	-	-	2	-	-	-		
Chelsea North WHHHHH - - C.	42,057	22	13	2	4	-	-	-	-	-	-	-	-	1	-	-	7		
Chelsea South HH - - C.	33,139	15	9	2	4	-	-	-	-	-	-	-	-	-	-	1	-		
May Fair W - - G.	23,827	2	10	1	4	-	-	-	-	-	-	-	-	-	1	-	6		
Belgrave WHHH - - C.	56,140	12	27	5	4	-	2	-	-	1	-	-	-	3	2	3	8		
St. John Westminster HH - - C.	31,492	12	13	5	1	-	4	-	-	-	-	-	-	1	-	-	-		
St. Margaret Westminster H- - C.	22,097	3	10	2	1	-	-	-	-	-	-	-	-	1	-	-	4		
St. James Westminster } N. & G.	23,050	14	6	2	1	-	-	-	-	-	-	-	-	1	-	1	2		
WHH - - -																			
St. Anne Soho HHHHHH - N.	12,048	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
NORTH DISTRICTS.																			
All Souls Marylebone } - - W.	36,595	12	16	4	1	-	-	-	-	-	-	-	-	2	-	3	9		
HHHHHHHH - - -																			
Rectory Marylebone W } G. & W.	19,798	10	8	1	3	-	-	-	-	-	-	-	-	2	-	1	1		
St. Mary Marylebone H } - - -	19,637	25	11	4	2	-	-	-	-	-	-	-	-	2	1	2	3		
HHHH - - -																			
Christchurch Marylebone H - W	32,547	7	11	5	3	-	-	-	-	-	-	-	-	4	-	-	-		
St. John Marylebone HHH W.	32,611	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hampstead } - N. & W.	75,449	40	19	5	5	-	1	1	2	-	-	1	-	-	1	1	4		
WvHHHH - - -																			
Regent's Park Pancras HH - W.	37,341	20	8	1	2	-	-	-	1	-	-	-	-	-	-	-	-		
Tottenham-court } - N. & W.	26,757	6	18	1	4	-	-	-	-	-	-	-	-	1	-	1	14		
vHHHH - - -																			
Gray's Inn Lane HHH - - N.	29,426	25	16	8	3	-	1	-	-	-	-	-	-	4	1	1	6		
Somers Town HH - - N.	32,161	7	11	6	3	-	-	-	-	-	-	-	-	2	1	1	4		
Camden Town WH - - N.	16,669	14	8	3	4	-	-	-	-	-	-	-	-	1	1	1	5		
Kentish Town WW - - N.	98,410	51	21	5	4	-	1	-	-	-	-	-	-	1	1	4	3		
Upper Holloway } - - N.	93,273	41	36	6	11	-	-	-	-	-	-	-	-	1	3	2	27		
WWWvHH - - -																			
Islington South-west H - - N.	107,365	73	25	11	4	-	2	-	-	1	-	1	-	1	1	1	-		
Islington South-east - - N.	66,549	42	14	4	2	-	-	-	1	2	-	-	-	1	-	1	-		
Highbury HH - - N.	64,577	28	11	6	1	-	2	-	-	1	-	-	-	-	-	-	-		
Stoke Newington H - - N.	33,485	11	6	-	4	-	-	-	-	-	-	-	-	-	-	1	-		
North Hackney - - E. & N.		20	11	-	3	-	-	-	-	-	-	-	-	-	-	-	-		
Central Hackney ww - - E. & N.		21	18	4	2	-	1	-	5	-	-	-	-	2	2	4	6		
South-west Hackney HHH E. & N.	213,044	34	18	9	4	-	-	-	-	-	-	1	-	6	-	-	6		
South-east Hackney WvH E. & N.		33	34	15	6	-	1	-	-	1	-	-	-	5	2	2	13		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there: namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. signifying Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. N. River; E. East London; and K. the Kent Company.

\* See note † on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and re-named North Hammersmith and South Hammersmith, respectively.



TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHOEA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 22nd July, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- me- rated Popu- lation. 1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include															Deaths in Public Institutions	Uncertified Causes of Death.
				Deaths of		Deaths from														
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases				
CENTRAL DISTRICTS.																				
George Bloomsbury - - N.	16,110	4	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Giles South WH - - N.	12,976	8	5	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-		
Giles North H - - N.	3,151	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Martin-in-the-Fields HHN. & C. and WHH - - N.	13,077 11,839	8 3	3 2	- 2	- 2	-	1	-	-	-	-	-	-	-	-	-	2	-		
and Union Workhouse, Edmonton	†1,037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Aborn vHHHHHHH - - N.	31,042	11	18	7	5	-	-	-	-	-	-	-	-	-	1	-	7	-		
James Clerkenwell - - N.	15,777	7	6	2	1	-	-	-	-	-	-	-	-	-	1	-	-	-		
St. Andrew's Clerkenwell - - N.	34,356	19	8	4	1	-	-	-	1	-	-	-	-	-	1	1	-	-		
St. Andrew's Street - - N.	16,069	8	6	2	1	-	-	-	-	-	-	-	-	-	1	-	-	-		
St. Andrew's Road HHHH - - N.	29,897	27	13	7	2	-	-	-	-	-	-	-	-	-	1	-	3	-		
St. Andrew's Cross-street - - N.	7,595	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew's Church - - N.	4,035	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Aborn Union Workhouse, } St. Andrew's Church } St. Andrew's Church }	†892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Botolph H - - N. & E.	6,870	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew's Church - - N.	3,299	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew's Church WH - - N.	9,591	1	16	4	1	-	-	-	-	-	-	1	-	1	1	3	13	-		
St. Andrew's Church Barking - - N.	9,059	1	2	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-		
St. Andrew's Church H - - N.	2,892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew's Church of London Asylum, Stone - -	†388	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
EAST DISTRICTS.																				
St. Andrew's Church South HI - E. & N.	17,975	9	5	2	1	-	-	-	-	-	-	-	-	1	-	1	-	-		
St. Andrew's Church New Town w - - N.	29,575	10	16	9	2	-	-	-	-	-	-	-	-	4	-	2	4	-		
St. Andrew's Church Old Town - - N.	27,645	12	19	15	-	-	-	-	-	-	-	-	-	12	-	-	-	-		
St. Andrew's Church Gaggerston WH - - N. & E.	47,163	31	31	17	6	-	1	-	-	2	-	-	-	10	2	3	7	-		
St. Andrew's Church Green North H - E.	49,301	26	13	8	1	-	-	-	-	-	-	-	-	-	-	1	-	-		
St. Andrew's Church Green South - - E.	34,194	15	7	3	2	-	-	-	-	-	-	-	-	1	-	1	-	-		
St. Andrew's Church Green East WHI - E.	45,667	32	22	8	7	-	-	-	-	-	-	-	-	4	1	2	10	-		
St. Andrew's Church Fields - - E. & N.	26,681	25	4	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew's Church End New Town* WH - E.	51,995	24	37	10	5	-	-	-	1	-	-	-	-	-	5	6	31	-		
St. Andrew's Church End New Town* - - E.		8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew's Church North - - E.	39,576	33	17	11	3	-	-	-	-	-	-	-	-	2	1	2	-	-		
St. Andrew's Church St. George East W E.	7,930	4	6	2	-	-	1	-	-	-	-	-	-	1	-	1	2	-		
St. Andrew's Church Well H - - E. & N.	10,434	1	7	4	-	-	-	-	-	-	-	-	-	1	-	-	4	-		
St. Andrew's Church Well W - - E.	14,954	7	5	4	-	-	-	-	-	-	-	-	-	2	-	-	-	-		
St. Andrew's Church Well W - - E.	32,917	16	12	9	2	-	-	-	-	-	-	-	-	1	2	3	-	-		
St. Andrew's Church End Old Town West H E.	111,060	39	21	13	2	-	-	-	-	-	-	-	-	4	1	1	2	-		
St. Andrew's Church End Old Town East W W W W W		41	25	6	5	-	-	-	1	-	-	1	-	4	-	2	4	-		
St. Andrew's Church Well W - - E.	41,687	40	9	4	2	-	-	-	-	-	-	-	-	3	-	2	-	-		
St. Andrew's Church Well W W W H - - E.	69,821	46	38	9	8	-	3	-	-	1	-	-	-	7	2	3	17	-		
St. Andrew's Church Well W W - - E.	57,759	49	31	13	5	-	2	-	1	1	-	-	-	3	2	5	1	-		

† Population in 1891, not included in the total population of the Central Districts or of London.

Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.

TABLE 5 LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 22nd July, 1899—continued.

REGISTRATION SUB-DISTRICTS		Enu- merated Popu- lation, 1896.	Total Births.	Total Deaths.	Deaths from													Deaths in Public Institutions		
					Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.			
SOUTH DISTRICTS.																				
Christchurch Southwark WHL.&S.		13,064	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Saviour Southwark - - - S.		12,301	5	3	3	-	-	-	-	-	-	2	-	-	-	1	1	2	-	-
Kent-road - - - S. & L.		22,879	12	5	3	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-
Borough-road WH - - - S. & L.		16,083	8	15	4	-	-	-	-	-	-	2	-	-	-	2	1	1	9	-
London-road HL - - - L. & S.		21,316	7	11	2	-	-	2	-	-	-	-	-	-	-	1	1	1	-	-
Trinity Newington - - - S. & L.		28,723	16	7	3	1	-	-	-	1	-	-	-	-	-	1	1	1	-	-
St. Peter Walworth W - - S. & L.		82,045	42	26	12	4	-	-	2	-	-	-	-	-	-	3	-	3	-	-
St. Mary Newington- - - L. & S.		30,171	15	7	5	1	-	-	-	-	-	-	-	-	-	1	1	1	-	-
St. Olave WH - - - S.		11,731	8	13	3	1	-	-	-	-	-	-	-	-	1	-	-	-	10	-
Bermondsey W - - - S.		85,475	62	25	10	6	-	-	3	-	-	-	-	-	4	2	-	-	-	-
Rotherhithe WvH - - - S. & K.		40,379	23	12	2	5	-	-	-	-	-	-	-	-	-	-	-	-	8	-
Waterloo-road HH - - - L. & S.		28,396	18	17	8	2	-	2	-	-	1	-	-	-	2	1	1	6	-	-
Lambeth Church 1st H - - - L. & S.		18,770	11	16	4	2	-	1	-	-	-	-	1	-	1	3	3	12	-	-
Lambeth Church 2nd WW - - - L. & S.		40,994	27	20	9	4	-	1	-	1	-	-	-	-	2	1	2	8	-	-
Kennington 1st H - - - S. & L.		52,486	39	15	4	2	-	-	-	1	-	-	-	-	-	-	1	-	-	-
Kennington 2nd - - - S. & L.		43,244	28	10	2	3	-	1	-	-	-	-	-	-	1	-	-	-	-	-
Brixton w - - - L. & S.		81,825	37	16	6	3	-	-	-	1	-	-	-	-	-	-	-	-	1	-
Norwood WH - - - L.		29,318	10	6	1	3	-	-	-	-	-	-	-	-	-	-	-	1	-	-
East Battersea - - - S.		71,730	27	19	10	2	-	-	-	-	1	-	-	-	4	1	4	-	-	-
West Battersea WvH - - - S.		93,385	49	30	5	8	-	1	-	-	-	-	-	-	-	1	3	11	-	-
Clapham H - - - S.		46,953	32	22	12	2	-	-	-	1	-	-	-	-	6	1	1	1	-	-
Wandsworth WHHL - - - S.		58,101	41	13	5	4	-	-	-	-	-	-	-	-	2	1	1	1	-	-
Putney - - - S.		20,566	7	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streatham WwwwL - - - L.		61,644	44	15	2	3	-	-	2	5	-	-	-	-	-	1	2	8	-	-
Dulwich - - - L. & S.		7,519	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell WvLL - - - S. & L.		90,286	47	46	8	16	-	1	-	2	-	-	-	-	1	2	2	26	-	-
Peckham WW - - - S., L., & K.		88,242	48	21	13	2	-	-	-	-	-	-	-	-	4	3	4	-	-	-
St. George Camberwell - - - L. & S.		67,029	46	27	11	3	-	2	-	-	-	-	-	-	6	3	3	-	-	-
Deptford North - - - K.		36,152	28	12	4	2	-	1	-	-	1	-	-	-	1	-	-	-	-	-
Deptford Central w - - - K.		45,441	34	27	8	4	-	1	2	4	-	-	-	-	4	-	-	6	-	-
Deptford South - - - K.		33,402	15	8	3	2	-	1	-	1	-	-	-	-	-	1	1	-	-	-
Greenwich West H - - - K.		23,012	11	10	2	3	-	-	-	-	-	-	-	-	-	1	2	1	-	-
Greenwich East WH - - - K.		37,767	24	23	5	9	-	-	-	-	-	-	-	-	1	2	3	16	-	-
Eltham wH - - - K.		5,911	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lee H - - - K.		24,222	9	9	3	4	-	-	2	-	-	-	-	-	-	-	1	1	-	-
Lewisham WvH - - - K.		38,139	32	18	3	5	-	-	-	5	-	-	-	-	1	-	-	11	-	-
Sydenham H - - - L.		37,601	19	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Charlton wHR - - - K.		15,928	15	7	-	-	-	-	-	1	4	-	-	-	-	-	-	-	6	-
Woolwich Dockyard - - - K.		19,355	8	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Woolwich Arsenal HHHH - - - K.		21,959	14	5	3	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-
Plumstead West H - - - K.		16,714	9	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plumstead East WH - - - K.		42,538	35	15	7	4	-	-	-	-	-	-	-	-	1	2	2	6	-	-
Banstead Asylum - - -		-	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	3	-
Caterham Asylum - - -		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cane Hill Asylum - - -		-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Hospital Ships and Camp, Dartford		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Darenth Asylum - - -		-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
London County Asylum, Dartford		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heath - - -		-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Hanwell Asylum - - -		-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-
Colney Hatch Asylum - - -		-	-	4	-	2	-	-	-	-	-	-	-	-	-	-	-	4	-	-
N.E. Hospital - - -		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winchmore Hill Hospital - - -		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leavesden Asylum - - -		-	-	4	-	-	-	-	-	-	-	-	1	-	1	-	1	4	-	-
Claybury Asylum - - -		-	-	4	-	1	-	-	-	-	-	-	-	-	-	-	-	4	-	-
London County Lunatic Asylum, Horton.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 22nd July, 1899.

The DEATHS registered in the Week include																		
REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- mer- ated Popu- lation, 1891.	BIRTHS.	DEATHS.	Deaths of		Deaths from										Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.			
LONDON—OUTER RING	368,749	1,422,063	1021	482	153	117	-	17	-	9	7	2	47	16	28	59	2	
Carshalton WHH	12,228	26,108	7	7	2	2	-	1	-	-	-	-	-	-	-	-	-	
Epsom, part of* WwHH	10,423	12,508	8	5	-	4	-	-	-	-	-	-	-	-	-	2	-	
Godstone, part of* W	2,754	1,598	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Croydon WwHHH	20,851	128,699	66	41	8	13	-	2	-	-	-	-	2	1	5	10	-	
Mitcham w	11,697	23,072	12	5	1	1	-	-	-	1	-	-	-	-	1	-	-	
Wimbledon HHH	3,220	25,777	27	12	1	3	-	-	-	1	-	-	-	-	-	-	-	
Kingston WH	14,672	33,566	15	11	4	5	-	-	-	-	-	-	-	-	-	5	-	
Surbiton H-		12,178	5	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
Esher, part of* HH		11,080	7	4	1	-	-	-	-	-	-	-	-	1	2	-	-	
Hampton HL		18,252	15	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
Richmond WH-	2,160	25,389	10	13	3	5	-	-	-	-	-	-	1	-	-	3	-	
Mortlake H	2,823	16,159	15	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
Bromley HHH	9,127	23,815	21	4	1	2	-	-	-	-	-	-	-	1	1	1	-	
Beckenham H-	6,542	21,969	15	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
Chislehurst, part of* WHH	14,307	20,372	17	5	1	3	-	-	-	-	-	-	-	-	-	2	-	
Bexley HHH	12,540	30,590	21	14	2	7	-	1	-	2	-	-	-	1	1	1	1	
Dartford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sunbury w	11,054	13,671	5	2	2	-	-	-	-	-	-	-	1	-	-	-	-	
Staines WH	13,277	13,221	6	3	-	2	-	-	-	-	-	-	-	1	-	-	-	
Hillingdon WHH	6,035	12,237	10	4	-	1	-	-	-	-	1	-	-	-	-	1	-	
Uxbridge	12,757	7,253	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	
Hayes wH-	7,952	11,051	7	5	3	1	-	-	-	-	-	-	1	-	-	-	-	
Isleworth WHH	6,967	26,004	12	9	-	3	-	-	-	-	-	-	-	-	-	6	-	
Twickenham HH	2,415	16,027	7	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
Brentford HHHH	4,318	37,777	20	17	6	4	-	-	-	-	-	5	1	1	1	-	-	
Chiswick	1,245	21,963	10	9	-	3	-	-	-	-	-	-	1	1	-	-	-	
Acton WHH	6,132	30,945	16	19	7	2	-	1	-	-	-	5	1	3	-	-	-	
Harrow HHH	13,809	15,715	11	4	2	2	-	-	-	-	-	-	-	-	-	-	-	
Edgware HH	6,994	3,844	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Willisden HHH	4,383	61,265	63	16	6	4	-	1	-	-	-	1	3	-	-	-	-	
Hendon WH	8,382	15,843	15	5	1	2	-	-	-	-	-	-	-	-	-	1	-	
South Mimms HH	21,077	6,367	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Barnet WHH		14,152	11	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
Finchley HHH		25,820	16	4	1	-	-	-	-	-	-	-	-	-	-	-	-	
Hornsey HH	3,039	61,097	30	14	3	3	-	-	-	1	-	-	1	-	-	-	-	
Tottenham HH-	4,642	97,174	63	29	14	6	-	2	-	-	-	2	2	2	2	-	-	
Edmonton WwW	7,489	36,351	42	24	12	6	-	-	-	1	1	-	4	-	-	4	-	
Enfield WWHH	12,602	31,536	26	3	1	-	-	1	-	-	-	-	-	-	-	-	-	
Waltham Abbey-	11,017	6,066	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Chesham H	8,480	9,620	6	3	1	-	-	-	-	-	-	-	-	1	1	-	-	
Hatfield, part of* W-	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bushey H-	9,331	7,737	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Watford WH, part of*	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	2	-	
Stratford H	4,706	38,612	27	18	8	2	-	-	-	1	-	-	3	2	2	2	-	
Plaistow WHHH		59,030	55	26	17	1	-	-	-	-	-	-	7	-	1	2	-	
Canning Town H		54,750	51	28	12	1	-	-	-	-	1	-	4	-	-	1	-	
Forest Gate w		53,511	30	7	2	1	-	-	1	-	1	-	-	-	-	-	-	
East Ham WHH		32,713	63	16	7	3	-	1	-	1	-	1	2	-	1	-	-	
Leyton WWWwH		4,334	70,188	51	32	8	9	-	3	-	-	1	2	1	1	10	-	
Walthamstow HHL		6,501	57,330	53	27	5	8	-	3	-	2	1	-	1	3	1	-	
Chigwell, part of* HHHH	11,779	12,941	2	6	-	1	-	-	-	-	-	-	-	1	2	-	-	
Epping WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Romford, part of* WH	6,556	4,324	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ilford	8,493	10,913	21	4	2	2	-	-	-	-	-	-	1	-	-	-	-	
Barking Town, H	3,814	14,301	13	7	4	1	-	-	-	-	-	-	3	-	-	-	-	
Middlesex County Asylum, Wandsworth.	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-	

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30; 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37; 1, the parishes of Warringham and Godstone sub-district; 39; 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41; 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135; 1, the parish of Northleam sub-district; 187; 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189; 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for various Diseases belonging to the Outer Ring in 42; 2, Dartford; 137; 2, Watford; and 187; 2, Epping sub-districts.



TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 22nd July, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include														Deaths in Public Houses.
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from												
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.					
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.				
GREATER LONDON	443,421	6,528,434	16·5	3·1	2071	709	434	-	63	8	51	27	10	232	93	51				
INNER LONDON -	74,672	4,546,752	18·2	3·5	1589	556	317	-	46	8	42	20	8	185	77	46				
OUTER RING -	368,749	1,981,682	12·7	2·2	482	153	117	-	17	-	9	7	2	47	16	-				

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN.	BIRTHS.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Cholera.
		Week ending	Exclusive of Stillborn										
EDINBURGH -	298,927	July	22	175	90	157	-	-	2	-	3		
GLASGOW -	783,903	"	22	513	261	185	-	15	6	1	3	1	
DUBLIN -	349,594	"	22	182	147	219	-	4	2	2	2	1	
CALCUTTA -	466,460	June	10	-	234	250	-	-	-	-	-	71	
BOMBAY -	821,764	"	27	145	513	325	14	14	?	?	?	94	
MADRAS -	452,518	"	9	343	332	381	-	8	?	?	?	67	
PARIS -	2,511,629	July	15	1148	887	183	-	25	6	7*	5	13	
BRUSSELS -	551,011	"	15	288	155	144	-	1	2	-	-	3	
AMSTERDAM -	517,595	"	8	286	134	135	-	-	1	1	-	2	
ROTTERDAM -	314,227	"	8	217	94	155	-	-	-	-	5	-	
THE HAGUE -	199,285	"	8	112	50	131	-	-	-	-	1	-	
COPENHAGEN -	345,000	"	15	241	123	186	-	1	2	2	-	-	
STOCKHOLM -	291,580	"	8	166	117	209	-	4	-	-	2	1	
CHRISTIANIA -	221,073	"	15	112	74	174	-	-	1	-	-	-	
ST. PETERSBURG	1,132,677	"	8	478	532	245	1	14	7	11	6	19	
MOSCOW -	988,610	"	8	-	643	339	3	8	5	7	3	5	
BERLIN -	1,818,517	"	1	890	573	164	-	15	8	8	10	1	
HAMBURG -	675,351	"	15	-	271	209	-	1	-	5*	7	1	
DRESDEN -	394,300	June	3	-	-	-	-	-	-	-	-	-	
BRESLAU -	406,012	July	15	-	180	231	-	2	2	2	-	-	
MUNICH -	445,000	"	8	303	189	221	-	-	-	-	1	-	
VIENNA -	1,623,134	"	15	922	659	209	-	9	12	1*	2	2	
PRAGUE -	384,622	"	15	172	139	188	-	1	-	3	2	-	
BUDA-PESTH -	666,722	"	8	393	267	208	-	2	9	-	-	1	
TRIESTE -	166,599	June	24	-	-	-	-	-	-	-	-	-	
ROME -	505,850	"	24	210	130	134	-	-	-	1	-	2	
TURIN (11 days)	344,203	May	31	227	207	200	-	-	-	4	5	3	
VENICE -	171,023	July	8	96	66	201	-	-	-	5*	-	1	
CAIRO -	570,062	May	5	-	-	-	-	-	-	-	-	-	
ALEXANDRIA -	319,766	"	5	-	-	-	-	-	-	-	-	-	
NEW YORK (including BROOKLYN)	3,550,053	June	24	1344	1160	171	2	12	14	30	10	5	
PHILADELPHIA -	1,266,832	July	1	-	420	173	-	-	2	15	6	7	

\* Including deaths from croup.

† Including 8 deaths from plague in Calcutta, and 50 in Bombay.

‡ Including 8 deaths from cholera in Calcutta, and 1 in Madras.

§ Including 1 death from malarial fever.

1899.		TEMPERATURE.						TEMPERATURE.						TEMPERATURE.						Wind as deduced from Anemometers.						Rain collected in a gauge receiving surfaces above the ground.	
MONTH AND DAY	Phases of the Moon.	Of the Air.				De-pature Average 50 years.	Of the Air Temperature and Dew Point		Degree of humidity (Saturation equals 100).	Of Radiation.		Of the Earth 3 feet below the Surface.	Oiler's.		Pressure on the Square Foot.		Robinson's.		Horizontal Movement of Air on each Day.	Departure from the surface of the ground.							
		High-est.	Low-est.	Daily Range.	Mean daily value.		Mean daily value.	Greatest.		Least.	Highest in Sun's Rays.		Lowest in Grass.	A.M.	P.M.	Greatest.	Least.	Mean of 24 hours.									
		METEER.																									
		Mean (corrected and reduced to Fahrenheit).																									
		in.																									
JULY.		16		17		18		19		20		21		22		23		24		25							
SUNDAY	-	30.015	767	529	238	6570	+ 1.8	49.9	151	255	0.8	58	135.2	43.6	63.21	SW. & variable.	NE. E. & SSW.	1.2	0.0	0.0	113	123	-108	0.00	0.00		
MONDAY	-	29.940	791	514	27.7	6673	+ 3.2	52.9	134	236	0.4	62	153.5	41.0	63.38	ESE. & SE.	ESE. & E.	0.7	0.0	0.0	134	134	-97	0.00	0.00		
TUESDAY	-	29.915	820	567	25.3	6890	+ 6.0	51.9	171	289	6.7	55	146.0	44.7	63.53	SSW. S. & SSW.	SSW. S. & SSW.	2.0	0.0	0.1	221	209	-23	0.00	0.00		
WEDNESDAY	19	29.793	881	595	28.6	737	+10.7	54.2	195	30.2	8.0	51	158.0	46.9	63.91	E. ENE. & NE.	E. ESE. & NNE.	2.0	0.0	0.2	209	174	-58	0.00	0.00		
THURSDAY	-	29.786	860	601	25.9	739	+10.9	54.0	199	29.9	4.6	50	146.9	47.8	64.37	Variable.	SW. NE. & NNE.	1.0	0.0	0.0	174	138	-35	0.00	0.00		
FRIDAY	-	29.836	885	624	26.1	741	+11.1	57.5	166	32.0	3.6	56	150.6	55.7	64.90	WSW. & W. N. & WSW.	WSW. & W. N. & WSW.	1.0	0.0	0.1	138	Sum 1172	-449	Sum 0.06	0.00		
SATURDAY	-	29.768	818	623	19.5	693	+ 6.4	60.0	9.3	27.4	0.0	72	142.8	60.7	65.30	Variable.	WSW. & W. N. & WSW.	1.0	0.0	0.1	138	Sum 1172	-449	Sum 0.06	0.00		
MEANS	-	29.865	832	57.9	25.3	70.2	+ 7.2	54.3	158	28.2	3.4	58	147.5	48.6	64.09	Variable	Variable	..	..	..	Sum 1172	Sum 1172	-449	Sum 0.06	0.00		
No. of Column	-	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26		

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; a correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9 A.M., noon, 3 P.M., and 9 P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1880, and that of horizontal movement of the air from a discussion of the anemometer records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "*higher*," and "*lower*," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; n. cannot be determined.

strong; and v. variable.  
The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument  
the symbols employed are:—F. positive; N. negative; w. weak; m. moderate;  
s. strong.

The reading of the barometer decreased from 30.04 in. at the beginning of the week 29.76 in. by 5h. P.M. on the 16th; increased to 29.88 in. by 0h. 30m. A.M. on the 22nd; and decreased to 29.70 in. by the end of the week.

## GENERAL REMARKS.

DATE.		ELECTRICITY. (For explanation of symbols, see Note.)	Registered Sunshine Horizon, in hours.		GENERAL REMARKS.
JULY.					
SUNDAY	- 16	w. P. generally; a little w. N. during the evening.	4'8	16'1	Fine and partially cloudy till evening; cloudless and very fine at 2h. P.M. between 11h. 30m. A.M. and 2h. P.M.
MONDAY	- 17	w. P. generally; w. N. at 3h. A.M.	11'0	16'0	Very fine in morning; partially cloudy afterwards; very warm.
TUESDAY	- 18	w. P. throughout -	12'3	16'0	A very fine and hot day; small amounts of cloud at times.
WEDNESDAY	19	w. P. throughout -	13'8	16'0	Very fine and hot; partially cloudy in early morning.
THURSDAY	- 20	w. P. throughout -	11'8	15'9	Very fine and hot; the amount of cloud was usually small. Partial solar halo observed in afternoon.
FRIDAY	- 21	v. P. and v. N. till 7h. A.M.; w. P. generally afterwards.	10'7	15'9	Cloudy in morning with occasional lightning and thunder; very fine with small amounts of cloud till 10h. P.M.; overcast afterwards with lightning between 10h. 30m. and 11h. P.M.
SATURDAY	- 22	w. P. till 6h. A.M.; w. P. generally with occasional v. P. and m. N. afterwards.	6'1	15'8	Overcast till 11h. A.M. with light showers in morning; fine till evening, cloudy afterwards, with occasional lightning at night. A slight shower at 5h. 20m. P.M.
No. of Col. -	-		Sum 71'0	Sum 111'7	
			28	29	

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1899.



## WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

## THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

Printed under the Superintendence of Her Majesty's Stationery Office,

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No. 30. 1899. VOL. LX.] WEEK ENDING SATURDAY, JULY 29. [Price 1½d.]

General Register Office, Somerset House,  
July 31st, 1899.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 20·7 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	July 8.	July 15.	July 22.	July 29.		July 8.	July 15.	July 22.	July 29.
33 Great Towns	16·0	16·9	18·4	20·7	Leicester - -	16·3	17·3	12·9	14·4
Birkenhead -	14·5	13·6	23·1	21·3	Liverpool - -	24·2	23·3	26·6	29·7
Birmingham -	12·9	18·6	21·1	21·1	London - - -	15·0	15·9	18·2	21·6
Blackburn -	12·3	17·0	17·4	13·1	Manchester - -	24·8	21·4	22·0	24·1
Bolton - - -	14·5	15·1	16·1	17·4	Newcastle-on-Tyne	16·6	19·2	16·2	14·8
Bradford -	12·1	15·9	16·1	16·3	Norwich - - -	12·9	12·4	14·3	15·2
Brighton -	14·0	16·1	7·6	16·9	Nottingham - -	17·0	19·4	19·2	20·9
Bristol - - -	14·1	13·8	14·1	13·6	Oldham - - -	17·3	13·8	15·2	17·3
Burnley - -	16·1	17·1	10·6	18·4	Plymouth - - -	18·1	15·0	22·8	22·3
Cardiff - - -	15·2	11·8	14·0	11·5	Portsmouth - -	11·8	12·0	16·9	19·7
Croydon - -	10·6	11·0	13·5	13·9	Preston - - -	14·6	13·3	13·7	19·5
Derby - - -	12·7	12·7	12·7	16·2	Salford - - -	19·4	24·6	29·4	25·3
Gateshead -	15·7	17·6	21·0	13·7	Sheffield - - -	21·5	24·1	26·7	27·6
Halifax - -	16·0	18·7	17·6	15·5	Sunderland - -	15·8	16·1	12·5	17·2
Huddersfield-	17·6	11·1	10·6	13·1	Swansea - - -	12·1	20·1	14·1	15·6
Hull - - -	15·4	12·9	13·6	18·7	West Ham - - -	10·8	12·0	14·6	25·2
Leeds - - -	15·1	17·1	20·4	21·2	Wolverhampton -	14·7	21·1	11·7	12·9

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·1 in Manchester, 1·4 in Burnley, and 1·9 in Salford; from *whooping-cough*, 1·0 in Plymouth, in Bolton, and in Huddersfield; and from *diarrhœa*, 3·3 in Leeds and in Hull, 3·5 in Manchester, 3·6 in Birmingham, 4·0 in London, 4·1 in Portsmouth, 4·8 in Nottingham, 4·9 in Preston, 6·7 in Liverpool and in Salford, 7·3 in West Ham, and 8·7 in Sheffield. In none of the thirty-three towns did the death-rate from "*scarlet fever*" or from "*fever*," reach 1·0 per 1000. The 76 deaths from *diphtheria* included 35 in London, 8 in Sheffield, 6 in Leeds, 5 in Liverpool, 4 in Leicester, 3 in Brighton, 3 in Swansea, and 3 in Birmingham. Two deaths from *small-pox* were registered in Hull, but not one in any other of the thirty-three towns.

## LONDON.

In LONDON† 2494 BIRTHS and 1884 DEATHS were registered. Allowing for increase of population, the births were 164 below, and the deaths 117 above, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7 added to the Outer Ring, or to other areas to which they belong.

15.0, 15.9, and 18.2 in the preceding three weeks, further rose last week to 21.6. During the four weeks ending on Saturday last the death-rate averaged 17.7 per 1000, being 1.3 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1884 deaths included 56 from measles, 5 from scarlet fever, 35 from diphtheria, 19 from whooping-cough, 13 from enteric fever, 350 from diarrhoea and dysentery, 12 from cholera and choleraic diarrhoea, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 490 deaths were referred to these diseases, being 45 above the corrected average weekly number.

The deaths from *measles*, which had been 50, 48, and 46 in the preceding three weeks, rose again last week to 56, and were 4 above the corrected average; 6 cases belonged to Lambeth, 6 to Greenwich, 5 to Poplar, 5 to St. George Southwark, 4 to Newington, and 4 to Camberwell sanitary areas. The deaths from *scarlet fever*, which had been 12, 4, and 8 in the preceding three weeks, fell again last week to 5, and were 13 below the corrected average. The deaths from *diphtheria*, which had been 31, 37, and 42 in the preceding three weeks, fell again last week to 35, and were 7 below the corrected average; 4 cases belonged to Camberwell, 3 to Poplar, and 3 to Wandsworth sanitary areas. The deaths from *whooping-cough*, which had been 27, 26, and 20 in the preceding three weeks, were 19 last week, the corrected average being 40. The fatal cases of *enteric fever*, which had been 7, 6, and 8 in the preceding three weeks, further rose last week to 13, and were 5 above the corrected average; 3 cases belonged to Shoreditch sanitary area. The deaths from *diarrhoea*, which had been 28, 75, and 185 in the preceding three weeks, further rose last week to 350, and were 77 above the corrected average. Of the 350 deaths from diarrhoea, 331 were of children under 5 years of age; 145 more deaths at this age-period were described as due to *gastro-enteritis*,† which appears as a separate heading in Table 4. The deaths referred to diseases of the respiratory organs, which had been 194, 176, and 149 in the preceding three weeks, rose again last week to 169, but were 7 below the corrected average. The deaths attributed directly to *influenza* numbered 11, having been 11, 7, and 11 in the preceding three weeks.

Different forms of violence caused 82 deaths, concerning all but 9 of which inquests were held. Of these 82 deaths, 10 were cases of suicide, and 4 of homicide, while the remaining 68 were attributed to accident or negligence. Eleven of these were referred to vehicles in the streets, 10 to drowning, 7 to sunstroke, and 6 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2667 cases of scarlet fever, 1545 of diphtheria, and 131 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow :—Of scarlet fever, 307 cases, against 315, 299, and 292; of diphtheria, 265 cases, against 218, 222, and 224; and of enteric fever, 46 cases, against 11, 22, and 23.

#### GREATER LONDON.

In Greater London 3573 births and 2481 deaths were registered, corresponding to annual rates of 28.5 and 19.8 per 1000 of the estimated population. In the Outer Ring 11 deaths from measles, 9 from diphtheria, 11 from whooping-cough, 1 from "fever," and 136 from diarrhoea were registered. Five deaths from measles, 4 from diphtheria, 6 from whooping cough, and 59 from diarrhoea occurred in West Ham district; 3 deaths from diphtheria and 29 from diarrhoea occurred in Edmonton district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29.98 inches, and that of the Thermometer 64° 8; the latter being 2° 4 above the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 10 per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 63.6 hours; the measured rainfall amounted to 0.97 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Small-pox, Scarlet Fever, Diphtheria, Enteric Fever, or Typhus respectively; but in a considerable proportion of cases the diagnosis is found afterwards in the Hospital to have been erroneous.

† In Table 4 (p. 369) of the Return for the week ending 22nd July, the lines of figures relating to *Enteritis* and *Gastro-enteritis* were, by mistake, placed under the heading of *Diarrhoea*.



CITIES AND BOROUGH.	POPULATION estimated to the middle of the Year 1891.*			The DEATHS registered in the Week include										TEMPERATURE OF THE AIR.										RAINFALL.		CITIES AND BOROUGH.		
	1.	2.	3.	Deaths during the Week ending 23rd July 1899.		Deaths from										Deaths in the Week.					Mean.						In Inches.	In Centi- metres.
				Births.	Deaths.	Infants under 1 Year of Age.	Persons aged 15 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Typhoid.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes of Death.	From All Causes.	From Diseases in Cols. 6-15.	Highest.	Lowest.	Fahrenheit.	Centigrade.				
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.			
33 TOWNS.	11,404,408	6519	4529	1894	796	2	119	23	76	60	26	807	165	312	816	45	207	51	81.8	45.1	61.6	16.44	0.53	1.35	33 TOWNS.			
LONDON.	4,546,762	2494	1884	805	328	-	56	5	35	19	13	350	82	156	462	8	216	55	81.5	49.2	64.8	18.22	0.97	2.46	LONDON.			
WEST HAM.	300,241	162	145	82	20	-	4	-	2	3	-	42	2	3	18	2	252	89	-	-	-	-	-	-	WEST HAM.			
CROYDON.	127,769	60	34	16	5	-	2	-	-	1	-	-	1	2	3	1	139	29	81.8	47.5	63.9	17.72	0.13	0.48	CROYDON.			
BRIGHTON.	123,226	63	40	12	13	-	-	-	3	1	1	-	3	3	11	-	169	21	77.6	54.0	63.9	17.72	0.24	0.61	BRIGHTON.			
PORTSMOUTH.	180,741	76	72	30	13	-	1	1	1	2	-	15	3	5	6	1	197	49	78.0	51.0	66.3	19.06	3.25	8.25	PORTSMOUTH.			
PLYMOUTH.	100,337	59	43	19	6	-	-	-	-	-	-	5	1	2	1	-	223	36	-	-	-	-	-	-	PLYMOUTH.			
BRISTOL.	320,911	154	84	23	29	-	1	-	1	1	1	7	1	7	18	1	136	15	78.0	49.0	62.3	16.83	0.00	0.00	BRISTOL.			
CARDIFF.	185,828	86	41	19	3	-	-	-	1	1	-	1	3	5	2	-	115	08	-	-	-	-	-	-	CARDIFF.			
SWANSEA.	103,722	48	31	2	9	-	-	-	1	3	-	1	4	4	5	-	156	25	-	-	-	-	-	-	SWANSEA.			
WOLVERHAMPTON.	88,821	57	22	7	4	-	-	-	-	-	1	4	-	-	6	-	129	29	74.4	45.1	57.6	14.22	0.03	0.08	WOLVERHAMPTON.			
BIRMINGHAM.	514,956	319	208	96	37	-	3	1	3	1	1	36	7	8	30	4	211	46	-	-	-	-	-	-	BIRMINGHAM.			
NORWICH.	113,266	56	33	13	10	-	-	-	-	-	-	3	1	1	1	1	152	14	-	-	-	-	-	-	NORWICH.			
LEICESTER.	213,851	109	59	24	17	-	-	-	4	1	-	11	-	2	3	1	144	39	-	-	-	-	-	-	LEICESTER.			
NOTTINGHAM.	239,384	148	96	52	19	-	4	1	1	-	-	22	1	2	12	-	209	61	75.8	47.5	59.4	15.22	0.57	1.45	NOTTINGHAM.			
DERBY.	106,401	67	33	11	9	-	1	1	-	-	-	5	-	1	6	-	162	34	-	-	-	-	-	-	DERBY.			
BIRKENHEAD.	115,162	75	47	25	7	-	-	-	-	1	1	6	1	1	6	-	213	36	-	-	-	-	-	-	BIRKENHEAD.			
LIVERPOOL.	634,212	411	361	159	55	-	8	2	5	6	3	82	7	15	67	12	297	87	69.4	53.3	58.9	14.94	0.09	0.23	LIVERPOOL.			
BOLTON.	162,221	98	54	9	10	-	1	-	-	3	-	3	2	4	5	-	174	23	-	-	-	-	-	-	BOLTON.			
MANCHESTER.	543,002	332	251	93	35	-	11	-	1	7	1	37	6	20	41	2	241	55	-	-	-	-	-	-	MANCHESTER.			
SALFORD.	218,244	133	106	43	12	-	8	2	-	-	-	28	3	5	10	-	253	91	-	-	-	-	-	-	SALFORD.			
OLDHAM.	150,772	68	50	14	11	-	1	-	-	-	-	3	1	3	3	-	173	14	-	-	-	-	-	-	OLDHAM.			
BURNLEY.	113,081	75	40	15	6	-	3	2	-	-	-	6	-	1	6	1	184	51	-	-	-	-	-	-	BURNLEY.			
BLACKBURN.	135,154	73	34	7	7	-	1	1	1	1	1	1	4	6	7	-	131	19	-	-	-	-	-	-	BLACKBURN.			
PRESTON.	117,622	74	44	20	8	-	-	1	1	-	-	11	-	-	5	-	195	58	-	-	-	-	-	-	PRESTON.			
HUDDERSFIELD.	103,464	37	26	5	9	-	-	-	-	2	-	1	2	3	2	-	131	15	71.0	51.0	59.1	15.06	0.06	0.15	HUDDERSFIELD.			
HALEFAX.	97,721	37	29	5	13	-	-	1	-	-	-	1	-	1	4	-	155	11	-	-	-	-	-	-	HALEFAX.			
BRADFORD.	236,241	120	74	22	24	-	1	2	-	2	-	11	1	3	10	3	163	35	71.2	53.0	60.0	15.56	0.35	0.89	BRADFORD.			
LEEDS.	423,889	270	172	75	23	-	6	2	6	6	1	27	4	12	20	2	212	59	-	-	-	-	-	-	LEEDS.			
SHEFFIELD.	361,169	231	191	111	13	-	6	-	8	-	1	60	3	5	13	4	276	108	-	-	-	-	-	-	SHEFFIELD.			
HULL.	234,270	171	84	37	16	2	-	-	1	-	-	15	4	12	9	3	187	40	76.0	48.0	61.1	16.17	0.04	0.10	HULL.			
SUNDERLAND.	145,613	116	48	15	8	-	-	1	-	-	-	5	6	8	14	1	172	21	-	-	-	-	-	-	SUNDERLAND.			
GATESHEAD.	106,552	78	28	6	7	-	-	-	-	-	-	2	4	4	4	-	137	10	-	-	-	-	-	-	GATESHEAD.			
NEWCASTLE.	228,625	142	65	22	11	-	1	-	1	2	1	2	5	8	10	-	148	16	-	-	-	-	-	-	NEWCASTLE.			

\* See note \* on first page of this return.



TABLE 2. LONDON.—Births and Deaths Registered in the THIRTIETH Week of each of the Eleven Years, 1889–99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889–98.*	1899
<b>TOTAL Births</b>	2376	2512	2424	2720	2497	2419	2575	2448	2599	2696	2653.3	2494
Males - -	1174	1283	1211	1389	1275	1249	1316	1236	1320	1381	1350.3	1240
Females - -	1202	1229	1213	1331	1222	1170	1259	1212	1279	1315	1303.0	1254
<b>TOTAL Deaths</b>	1553	1418	1632	1431	1729	1437	1939	2146	2023	1452	1766.5	1884
Males - -	836	754	893	751	894	726	1003	1133	1101	777	933.8	1039
Females - -	717	664	739	680	835	711	936	1010	922	675	832.7	845

\*The numbers in this column are the average weekly numbers in the thirtieth week of the ten years 1889–98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	May 6.	May 13.	May 20.	May 27.	June 3.	June 10.	June 17.	June 24.	July 1.	July 8.	July 15.	July 22.	July 29.
<b>TOTAL Births</b>	-	-	2623	2574	2598	2306	2678	2445	2571	2422	2441	2484	2494
<b>TOTAL Deaths</b>	-	-	1897	1428	1419	1366	1483	1365	1316	1355	1297	1310	1387
Area at Death													
Under 1 year	-	-	277	285	277	296	281	281	299	272	294	299	367
1–5 years	-	-	165	196	170	174	168	218	173	199	156	184	175
5–20 "	-	-	84	72	77	73	92	79	71	91	78	86	82
20–40 "	-	-	202	206	219	166	211	197	171	215	212	157	171
40–60 "	-	-	282	282	314	295	351	264	290	279	287	255	271
60–90 "	-	-	305	320	297	289	310	269	260	254	240	270	254
80 years and upwards	-	-	82	67	65	73	70	57	52	45	60	59	63
Deaths from—													
Small pox	-	-	-	-	-	-	1	-	-	-	-	1	-
Measles	-	-	36	49	51	61	67	93	64	65	51	50	48
Scarlet Fever	-	-	10	2	9	5	4	5	7	4	11	12	4
Diphtheria	-	-	21	40	24	23	24	28	35	28	25	31	37
Whooping-cough	-	-	47	39	39	34	33	27	35	35	26	27	26
Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever	-	-	7	8	6	4	6	7	6	6	11	7	6
Simple Continued Fever	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery	-	-	12	9	12	10	13	12	12	9	20	28	7
Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-
All the above Diseases	-	-	133	247	141	137	147	173	159	148	144	155	199
Dis. of Respiratory System	-	-	251	257	257	256	240	216	207	190	159	194	176
Phthisis	-	-	145	143	170	141	165	141	133	153	153	139	115
Dis. of Circulatory System	-	-	145	148	137	134	169	110	125	116	124	114	122
Violence	-	-	73	83	64	68	66	80	60	86	73	49	67
Inquest Cases	-	-	131	165	141	139	152	156	124	162	143	120	128
Deaths in Public Institutions	-	-	473	484	452	443	529	467	436	460	456	414	454
TEMPERATURE OF THE AIR.													
Mean	-	-	46.4	50.9	54.4	49.5	58.4	61.1	56.3	60.7	62.3	62.3	66.2
Mean of Highest readings	-	-	55.3	62.2	62.7	57.1	70.8	73.3	69.3	69.7	73.1	71.9	77.7
Mean of Lowest readings	-	-	37.2	41.7	48.3	43.2	43.6	49.1	45.1	53.7	53.3	54.3	56.9
Humidity of the Air	-	-	67	75	75	78	60	64	67	73	68	71	67
Rain-fall (in inches)	-	-	0.00	0.01	0.97	0.66	0.00	0.00	0.00	0.51	0.74	0.13	0.00
Registered Sunshine (in hours)	-	-	49.7	43.0	33.9	29.3	95.9	72.1	68.0	26.2	43.9	31.4	49.4
CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.													
Small-pox	-	-	-	-	1	1	1	1	1	2	2	-	-
Scarlet Fever	-	-	2139	2210	2161	2201	2212	2269	2280	2367	2430	2539	2602
Diphtheria	-	-	1040	1065	1066	1111	1134	1159	1170	1230	1280	1347	1434
Enteric Fever	-	-	118	107	99	102	99	97	93	109	105	94	99

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.; B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R.Met.Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst.C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTIETH Week of the Year 1899.

		In the Week ending Saturday, 29th July 1899.									In the Week ending Saturday, 29th July 1899.																
USES OF DEATH		Corrected Averages for the 10 years 1889-98*, 30th Week of 1899.		Deaths of Persons of the Ages							CAUSES OF DEATH		Corrected Averages for the 10 years 1889-98*, 30th Week of 1899.		Deaths of Persons of the Ages												
		ALL AGES.		Under 20.		20 and under 40.		40 and under 60.		60 and under 80.		80 years and upwards.				ALL AGES.		Under 20.		20 and under 40.		40 and under 60.		60 and under 80.		80 years and upwards.	
		0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.					0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.								
CAUSES	- - -	1766·5	1884	805	223	98	161	269	264	64	Diseases of Circulatory System	111·9	123	4	-	13	8	40	49	0							
I- { Vaccinated†	- 0·7	-	-	-	-	-	-	-	-	-	Croup	2·8	-	-	-	-	-	-	-	-							
{ Unvaccinated	- 0·3	-	-	-	-	-	-	-	-	-	Bronchitis	80·5	70	13	10	-	-	13	26	8							
{ No Statement	- 0·2	-	-	-	-	-	-	-	-	-	Pneumonia	72·2	87	18	14	3	17	17	15	3							
es	52·1	56	20	34	2	-	-	-	-	-	Pleurisy	5·5	1	-	-	1	-	-	-	-							
t Fever	18·3	5	1	2	2	-	-	-	-	-	Other Diseases of Res-	14·9	11	3	2	-	2	2	1	1							
is	0·1	-	-	-	-	-	-	-	-	-	pitory System - }	-	-	-	-	-	-	-	-	-							
sing Fever	4·3	11	-	2	3	3	3	-	-	-	Dentition -	10·4	13	11	2	-	-	-	-	-							
nza	39·7	19	11	8	-	-	-	-	-	-	Quinsy, Sore Throat	2·7	1	-	1	-	-	-	-	-							
heria	42·4	35	-	21	14	-	-	-	-	-	Enteritis -	38	27	3	4	2	1	1	-	-							
a Continued and	0·2	-	-	-	-	-	-	-	-	-	Gastro-enteritis	78·4	151	121	24	1	1	1	3	-							
efined Fever - }	-	-	-	-	-	-	-	-	-	-	Peritonitis -	6·2	11	2	-	4	-	3	2	-							
io Fever -	8·0	13	-	4	5	3	1	-	-	-	Diseases of Liver - }	27·0	17	2	-	3	8	4	-	-							
ra and Chol. Diarr.	9·3	12	10	-	1	1	1	-	-	-	Other Diseases of }	36·8	30	14	2	1	2	3	7	1							
acca, Dysentery -	27·3	350	293	38	2	1	2	11	3	-	Digestive System }	-	-	-	-	-	-	-	-	-							
tent Fever -	-	-	-	-	-	-	-	-	-	-	Diseases of Lymphatic	2·4	1	-	-	-	1	-	-	-							
ophobia -	0·1	-	-	-	-	-	-	-	-	-	System & of Ductless	-	-	-	-	-	-	-	-	-							
ers -	0·1	-	-	-	-	-	-	-	-	-	Glands -	-	-	-	-	-	-	-	-	-							
ox and Effects of }	0·4	-	-	-	-	-	-	-	-	-	Diseases of Urinary	38·1	46	-	-	-	3	13	28	2							
ination - }	-	-	-	-	-	-	-	-	-	-	System -	-	-	-	-	-	-	-	-	-							
eal Affections -	13·0	10	3	-	2	3	2	-	-	-	Diseases of Generative	6·2	4	-	-	-	4	-	-	-							
pelas -	3·6	5	2	-	-	2	1	-	-	-	System -	4·3	1	-	-	-	1	-	-	-							
ria and Septicæmia	2·0	1	-	-	1	-	-	-	-	-	Accidents of Childbirth-	-	-	-	-	-	-	-	-	-							
eral Fever -	3·4	2	-	-	2	-	-	-	-	-	Diseases of Locomotive	5·9	4	-	-	1	-	2	1	-							
Zymotic Diseases	2·6	4	2	1	-	1	-	-	-	-	System -	4·2	3	2	-	-	1	-	-	-							
h -	1·7	-	-	-	-	-	-	-	-	-	Diseases of Integumen-	-	-	-	-	-	-	-	-	-							
s and other Para- }	0·4	1	-	-	1	-	-	-	-	-	tary System - }	-	-	-	-	-	-	-	-	-							
al Diseases - }	-	-	-	-	-	-	-	-	-	-	VIOLENT DEATHS†	-	-	-	-	-	-	-	-	-							
ation, Want of }	2·6	1	1	-	-	-	-	-	-	-	(ACCIDENT.)	-	-	-	-	-	-	-	-	-							
ast-milk -	9·8	13	-	-	5	7	1	-	-	-	By Railways -	4	-	-	-	2	2	-	-	-							
olism -	-	-	-	-	-	-	-	-	-	-	By Vehicles or Horses -	11	-	3	5	-	1	1	1	-							
matic Fever, }	6·8	8	-	1	1	1	5	-	-	-	In Ships, Boats, Docks, }	1	-	-	-	1	-	-	-								
umatism of Heart }	1·3	1	-	-	-	1	-	-	-	-	(exclusive of Drown-	-	-	-	-	-	-	-	-								
umatism -	3·4	2	-	-	-	-	2	-	-	-	ing) -	-	-	-	-	-	-	-	-								
ts -	6·4	4	2	2	-	-	-	-	-	-	In Building Operations -	54·5	3	-	2	-	-	1	-	-							
r -	72·3	74	-	1	4	40	25	4	-	-	In Conflagrations -	-	-	-	-	-	-	-	-								
Mesenterica -	41·6	53	40	9	2	2	-	-	-	-	By Burns, Scalds, Ex-	-	-	-	-	-	-	-	-								
cular Meningitis	30·6	23	9	10	3	1	-	-	-	-	plosions -	10	-	-	3	4	2	1	-								
sis -	142·0	112	1	3	11	51	36	10	-	-	By Drowning -	6	6	-	-	-	-	-	-								
ala, Tuberculosis	23·3	17	7	5	3	1	1	-	-	-	By Suffocation in Bed -	2	-	1	-	1	-	-	-								
Constitutional }	11·9	22	-	2	4	5	2	8	1	-	Vapours -	31	7	2	2	5	7	7	1								
ases -	-	-	-	-	-	-	-	-	-	-	Other or not stated	-	-	-	-	-	-	-	-								
causes -	-	-	-	-	-	-	-	-	-	-	causes -	-	-	-	-	-	-	-	-								
ature Birth -	52·3	56	56	-	-	-	-	-	-	-	(VIOLENCE OTHER THAN	-	-	-	-	-	-	-	-								
etasis -	3·4	3	3	-	-	-	-	-	-	-	ACCIDENTAL.)	-	-	-	-	-	-	-	-								
ental Malforma- }	6·7	5	5	-	-	-	-	-	-	-	Homicide -	1·8	4	-	1	2	1	-	-								
ge -	37·8	32	-	-	-	-	12	20	-	-	Suicide -	10·1	10	-	-	2	6	2	-								
lexy -	37·6	33	1	-	-	15	12	5	-	-	Execution -	-	-	-	-	-	-	-	-								
psy -	7·6	6	-	1	1	1	3	-	-	-	OTHER CAUSES	78·6	60	55	1	-	-	2	2	-							
ulsions -	49·1	46	39	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
Diseases of Brain }	84·6	90	14	13	3	12	23	20	5	-	-	-	-	-	-	-	-	-	-								
Nervous System }	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
ses of Organs of }	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
cial Sense - }	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								

the numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the death is not certified by a registered practitioner, the case is returned under the heading "no statement."

No evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of crime, murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 29th July, 1899.

REGISTRATION SUB-DISTRICTS.	Enu- me- rated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	The DEATHS registered during the Week include														
				Deaths of			Deaths from											
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.		Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON -	4,411,710	2,494	1,884	805	328	-	50	5	35	19	-	13	-	350	82	156	462	
WEST DISTRICTS - - -	778,251	351	292	113	58	-	-	2	5	4	-	3	-	55	14	27	81	
NORTH DISTRICTS - - -	1,040,694	553	386	168	74	-	-	2	6	2	-	4	-	66	11	23	31	
CENTRAL DISTRICTS - - -	233,333	113	116	46	15	-	-	1	2	1	-	3	-	15	9	12	45	
EAST DISTRICTS - - -	716,334	477	445	219	58	-	14	-	6	3	-	3	-	106	15	55	113	
SOUTH DISTRICTS - - -	1,642,796	1000	629	259	119	-	34	1	16	2	-	3	-	107	33	38	126	
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON* }	-	-	16	-	4	-	-	-	-	-	-	-	-	1	-	1	16	
WEST DISTRICTS.																		
St. James Paddington } G. & W.	90,996	51	31	17	8	-	-	-	-	-	-	-	-	14	2	3	5	
WHH - - -	33,510	4	8	1	3	-	-	-	-	-	-	-	-	1	2	1	3	
St. John Paddington H - - G.																		
Kensington Town Ww - - W.	122,164	46	66	27	12	-	-	-	-	1	-	1	-	19	-	3	16	
Brompton HH - - W. & C.	48,301	11	14	1	5	-	-	-	-	-	-	-	-	1	-	2	4	
North Hammersmith† H } W. & G }	44,638	24	8	7	1	-	-	-	-	1	-	-	-	3	2	3	3	
South Hammersmith† H } W. & C. }	59,561	26	18	7	3	-	-	-	-	-	-	1	-	4	2	3	3	
Fulham Ww - - -	113,781	103	59	24	6	-	-	2	5	-	-	1	-	7	2	7	21	
Chelsea Kensal Town - - C.	21,450	7	6	4	1	-	-	-	-	-	1	-	-	-	1	-	5	
Chelsea North WHHHH - C.	42,057	20	15	4	3	-	-	-	-	-	1	-	-	1	-	-	-	
Chelsea South HH - - C.	33,139	10	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
May Fair W - - - G.	23,827	4	9	1	3	-	-	-	-	-	-	-	-	-	-	4	6	11
Belgrave WHHH - - C.	56,140	23	22	6	5	-	-	-	-	-	-	-	-	-	3	-	1	
St. John Westminster HH - C.	31,492	14	14	8	1	-	-	-	-	-	-	-	-	-	2	-	1	
St. Margaret Westminster H - C.	22,097	1	8	2	4	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Westminster } N. & G.	23,050	3	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-	
WHH - - -																		
St. Anne Soho HHHHHH - N.	12,048	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH DISTRICTS.																		
All Souls Marylebone } - - W.	36,595	8	22	5	4	-	-	-	-	-	-	-	-	1	2	1	7	
HHHHHHHH - - -																		
Rectory Marylebone W } G. & W.	19,798	3	6	2	3	-	-	-	-	1	-	-	-	1	-	-	2	
St. Mary Marylebone } G. & W.	19,637	36	6	3	2	-	-	-	-	-	-	-	-	3	-	-	-	
HHHH - - -																		
Christchurch Marylebone H - W	32,547	23	5	2	-	-	-	-	-	-	-	-	-	1	-	-	-	
St. John Marylebone HHH - W.	32,611	14	14	12	-	-	1	-	-	-	-	-	-	4	-	1	-	
Hampstead } - N. & W.	75,449	43	15	2	5	-	-	1	2	-	-	1	-	-	-	-	-	
WwHHHH - - -																		
Upper Holloway } - - N.	98,273	56	35	6	11	-	1	-	-	-	-	-	-	3	1	3	1	
WWWwHH - - -																		
Islington South-west H - - N.	107,365	54	27	16	1	-	-	-	-	1	2	-	-	6	2	1	-	
Islington South-east - - N.	66,549	29	21	11	3	-	-	-	1	-	-	-	-	2	-	2	-	
Highbury HH - - - N.	64,577	26	16	3	6	-	-	-	-	-	-	-	-	1	-	-	-	
Stoke Newington H - - N.	33,485	14	4	1	3	-	1	-	-	-	-	-	-	-	-	-	-	
North Hackney - - E. & N.			27	9	4	-	-	-	-	-	1	-	-	-	-	-	1	
Central Hackney ww - E. & N.			31	25	15	3	-	-	-	2	-	-	2	-	3	-	1	
South-west Hackney HHH E. & N.			27	30	19	1	-	1	-	-	-	-	-	-	13	-	-	
South-east Hackney WwH E. & N.			39	36	13	10	-	1	-	1	-	-	-	-	6	2	2	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated in the same: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other Districts than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received; The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. the Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth and the River; E. East London; and K. the Kent Company.

\* See note † on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and re-named North Hammersmith and South Hammersmith, respectively.



TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 29th July, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation.  1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include														Deaths in Public Institutions Unreported Causes of Death.
				Deaths of		Deaths from												
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases		
CENTRAL DISTRICTS.																		
George Bloomsbury - - N.	16,110	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Giles South WH - - N.	12,976	7	3	2	2	-	-	-	-	-	-	-	-	-	-	-	5	
Giles North H - - N.	2,151	4	3	-	-	-	-	-	-	-	-	-	-	-	1	-	1	
Martin-in-the-Fields HHN. & C.	13,077	3	9	3	2	-	-	-	-	-	-	-	-	1	-	-	6	
rand WHH - - N.	11,839	4	6	2	2	-	-	-	-	-	-	-	-	1	2	-	-	
rand Union Workhouse, Edmonton	†1,037	-	3	-	3	-	-	-	-	-	-	-	-	-	-	3	-	
olborn wHHHHHHH - N.	31,042	9	18	9	-	-	-	-	1	-	-	-	-	1	-	11	-	
James Clerkenwell - - N.	15,777	13	11	8	1	-	-	-	-	-	-	-	-	4	-	-	-	
mwell Clerkenwell - - N.	34,356	13	4	2	-	-	-	-	-	-	-	-	-	1	-	-	-	
oswell-street - - N.	18,069	6	11	7	2	-	-	-	-	-	-	-	-	2	-	-	-	
ty-road HHHH - - N.	29,597	38	16	8	-	-	1	-	2	-	-	-	-	3	-	2	-	
hitecross-street - - N.	7,595	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
nsbury - - N.	4,035	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	
olborn Union Workhouse, } Mitcham - - - - - }	†892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Botolph H - - N. & E.	6,870	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ipplegate - - N.	3,299	1	2	-	2	-	-	-	-	-	-	-	-	-	1	1	-	
epulchre WH - - N.	9,591	5	16	3	1	-	-	-	-	-	-	-	-	1	4	6	16	
hallowes Barking - - N.	9,059	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
oad Street H - - N.	2,892	-	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-	
ty of London Asylum, Stone - -	†888	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
EAST DISTRICTS.																		
oreditch South Hl - - E. & N.	17,975	13	5	3	1	-	-	-	-	-	-	1	-	1	-	-	-	
oxton New Town w - - N.	29,575	18	28	14	8	-	-	2	-	-	-	1	7	1	3	6	-	
oxton Old Town - - N.	27,645	20	13	10	1	-	-	-	-	-	-	-	7	-	-	-	-	
aggerston WH - - N. & E.	47,163	27	40	18	5	-	1	-	-	-	-	1	-	14	1	4	14	
ethnal Green North H - E.	49,301	36	33	20	2	-	1	-	1	-	-	-	-	8	2	3	-	
ethnal Green South - - E.	34,194	22	11	5	2	-	-	-	-	-	-	-	-	4	-	-	-	
ethnal Green East WHl - E.	45,667	33	21	1	6	-	1	-	-	-	-	-	-	2	1	5	10	
ipitalfields - - E. & N.	26,681	16	3	3	-	-	-	-	-	-	-	-	-	1	-	-	-	
ile End New Town* WH - E.	51,995	21	56	12	7	-	1	-	2	-	-	1	-	1	4	8	43	
oodman's Fields* - - E.		21	6	3	-	-	-	-	-	1	-	-	-	1	1	1	-	
t. George's North - - E.	39,576	31	23	16	2	-	1	-	-	-	-	-	-	9	-	2	-	
t. John, St. George East W E.	7,930	4	6	4	-	-	-	-	-	-	-	-	-	2	-	3	4	
hadwell H - - E. & N.	10,434	6	11	8	-	-	-	-	-	-	-	-	-	-	1	2	6	
atcliff W - - E.	14,954	12	7	5	-	-	-	-	-	-	-	-	-	3	-	1	-	
imehouse - - E.	32,917	20	7	2	1	-	-	-	-	1	-	-	-	1	-	1	-	
ile End Old Town West H E.	111,060	{	38	32	19	4	-	2	-	-	-	-	-	12	-	3	-	
ile End Old Town East } WWww			29	23	12	4	-	-	-	-	1	-	-	4	-	3	5	
ow l - - E.	41,687	24	21	15	2	-	-	-	-	-	-	-	-	10	1	3	-	
romley wwwH - - E.	69,821	48	71	31	13	-	3	-	2	1	-	-	-	13	2	9	25	
oplar WW - - E.	57,759	38	28	18	-	-	2	-	1	1	-	-	-	6	1	3	-	

† Population in 1891, not included in the total population of the Central Districts or of London.

\* Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.

The DEATHS registered during the Week include																				
REGISTRATION SUB-DISTRICTS			Enu- me- rated Popu- lation, 1896.	Total BIRTHS.	Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions		
					Total DEATHS.	Infants under 1 Year of Age.	Persons aged 40 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.			
SOUTH DISTRICTS.																				
Christchurch Southwark	WHL & S.	13,064	5	4	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Saviour Southwark	-	12,301	3	4	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Kent-road	S. & L.	22,879	11	10	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borough-road	WH	16,083	15	15	5	1	-	3	-	-	1	-	-	-	-	-	-	-	-	-
London-road	HL	21,316	12	13	5	1	-	3	-	-	-	-	-	-	-	-	-	-	-	-
Trinity Newington	-	28,723	23	15	10	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Peter Walworth	W	62,045	38	29	15	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary Newington	-	30,171	22	8	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Olave	WH	11,731	6	22	3	4	-	-	-	-	-	-	-	-	-	-	2	4	5	19
Bermondsey	W	85,475	52	22	11	3	-	3	-	-	-	-	-	-	-	-	4	3	3	1
Rotherhithe	WwH	40,379	22	18	5	3	-	-	-	-	-	-	-	-	-	-	2	3	3	4
Waterloo-road	HH	28,396	29	15	8	1	-	1	-	-	-	-	-	-	-	-	4	2	2	1
Lambeth Church 1st	H	18,770	14	23	12	2	-	1	-	-	1	-	-	-	-	-	3	2	2	7
Lambeth Church 2nd	WW	40,994	30	31	13	5	-	3	-	-	-	-	-	-	-	-	8	3	3	8
Kennington 1st	H	52,486	37	14	8	2	-	1	-	-	-	-	-	-	-	-	4	-	-	-
Kennington 2nd	-	43,244	20	10	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brixton	w	81,825	46	18	6	6	-	-	-	2	-	-	1	-	-	-	2	-	-	3
Norwood	WH	29,318	19	7	3	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-
East Battersea	-	71,730	45	29	15	2	-	-	-	-	-	-	-	-	-	-	6	5	6	-
West Battersea	WwH	93,385	48	38	18	9	-	3	-	-	-	-	-	-	-	-	4	1	3	15
Clapham	H	46,953	24	17	8	2	-	1	-	-	1	-	-	-	-	-	4	1	1	-
Wandsworth	WHHL	58,101	36	16	10	2	-	-	-	-	-	-	-	-	-	-	9	-	-	-
Putney	-	20,566	11	5	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streatham	WwwwL	61,644	35	14	3	3	-	-	-	4	-	-	-	-	-	-	-	-	-	4
Dulwich	-	7,519	-	2	-	1	-	-	-	-	-									

LE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 29th July, 1899.

The DEATHS registered in the Week include																		
REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	Deaths of		Deaths from											
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.	
LONDON—OUTER RING	368,749	1,422,063	1079	597	296	110	-	11	-	9	11	1	136	25	47	42	2	
1 Carshalton WHH	12,228	26,108	29	10	3	5	-	-	-	-	-	-	-	-	-	1	-	
2 Epsom, part of* WwHH	10,423	12,508	6	2	1	-	-	-	-	-	1	-	-	-	-	-	2	
1 Godstone, part of* W	2,754	1,598	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 Croydon WwHHH	20,851	128,699	67	36	17	6	-	2	-	-	2	-	4	1	2	3	-	
2 Mitcham w	11,697	23,072	12	4	1	3	-	-	-	-	-	-	1	-	-	-	-	
1 Wimbledon HHH	3,220	25,777	20	6	1	3	-	-	-	-	-	-	-	-	-	-	-	
2 Kingston WH	-	33,566	35	15	3	3	-	-	-	-	-	-	1	1	1	4	-	
3 Surbiton H-	-	12,178	6	2	2	-	-	-	-	-	-	-	1	-	-	-	-	
4 Esher, part of* HH	-	11,080	8	3	-	1	-	-	-	-	-	-	-	-	1	-	-	
5 Hampton HL	-	18,252	11	5	-	3	-	-	-	-	-	-	-	1	1	-	-	
1 Richmond WH-	2,160	25,389	10	3	1	-	-	-	-	-	-	-	1	-	-	-	-	
2 Mortlake H	2,823	16,159	5	5	3	-	-	-	-	-	-	-	-	2	4	-	-	
1 Bromley HHH	9,127	23,815	10	5	1	2	-	-	-	-	-	-	1	-	-	1	-	
2 Beckenham H-	6,542	21,969	6	4	1	1	-	-	-	-	-	-	-	-	-	-	-	
3 Chislehurst, part of* WHH	14,307	20,372	8	3	1	2	-	-	-	-	-	-	-	-	-	2	-	
1 Bexley HHH	12,540	30,590	24	12	8	-	-	-	-	1	-	-	1	-	1	-	-	
2 Dartford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 Sunbury w	11,054	13,671	11	2	-	-	-	-	-	-	-	-	-	1	1	-	-	
2 Staines WH	13,277	13,221	17	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
1 Hillingdon WHH	6,035	12,237	7	4	-	8	-	-	-	-	-	-	-	1	1	-	-	
2 Uxbridge	12,757	7,253	4	5	-	3	-	-	-	-	-	-	1	-	-	-	-	
3 Hayes WH-	7,952	11,051	10	9	6	1	-	1	-	-	-	-	4	-	1	-	-	
1 Isleworth WHH	6,967	26,004	16	13	7	3	-	-	-	-	-	-	4	-	-	-	-	
2 Twickenham HH	2,415	16,027	9	4	1	1	-	-	-	-	-	-	1	1	1	-	-	
3 Brentford HHHH	4,318	37,777	20	6	3	1	-	1	-	-	-	-	2	-	-	-	-	
4 Chiswick	1,245	21,963	22	8	3	2	-	-	-	-	-	1	1	-	-	-	-	
5 Acton WHH	6,132	30,945	33	25	17	2	-	2	-	-	-	-	10	-	-	-	-	
1 Harrow HHH	13,809	15,715	15	5	-	1	-	-	-	-	-	-	-	-	1	-	-	
2 Edgware HH	6,994	3,844	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3 Willesden HHH	4,383	61,285	63	28	14	7	-	-	-	-	-	-	4	1	3	-	-	
4 Hendon WH	8,382	15,843	16	12	6	3	-	-	-	1	-	-	2	1	1	2	-	
1 South Mimms HH	-	6,367	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
2 Barnet WHH	21,077	14,152	4	3	1	1	-	-	-	-	-	-	1	-	-	-	-	
3 Finchley HHH-	4,688	25,820	14	4	-	2	-	-	-	-	-	-	-	-	-	-	-	
1 Hornsey HH	3,039	61,097	45	19	6	4	-	-	-	2	-	-	3	3	3	-	-	
2 Tottenham HH-	4,642	97,174	82	48	25	8	-	-	-	-	2	-	13	1	2	-	-	
3 Edmonton WwW	7,489	36,351	39	31	21	1	-	-	-	-	-	-	11	2	6	1	-	
4 Enfield WWHH	12,602	31,536	23	11	5	3	-	-	-	1	-	-	1	1	1	-	-	
5 Waltham Abbey	11,017	6,066	4	2	1	1	-	-	-	-	-	-	1	-	-	-	-	
6 Cheshunt H	8,480	9,620	6	4	1	1	-	-	-	-	-	-	-	1	1	-	-	
1 Hatfield, part of* W-	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 Bushey H	9,331	7,737	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
2 Watford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 Stratford H	-	38,612	33	21	14	4	-	1	-	-	-	-	7	-	-	-	1	
2 Plaistow WHHH	-	53,030	57	34	21	3	-	1	-	1	1	-	8	-	1	2	1	
3 Canning Town H	-	54,750	31	55	35	4	-	1	-	1	1	-	23	2	2	2	-	
4 Forest Gate w	-	53,511	31	21	9	2	-	1	-	1	-	-	4	-	-	-	-	
5 East Ham WHH	3,266	32,713	44	25	18	1	-	-	-	1	-	-	9	1	2	-	-	
6 Leyton WwWwH	4,334	70,188	54	32	11	12	-	1	-	1	-	-	4	2	3	17	-	
7 Walthamstow HHL	6,501	57,330	59	24	16	2	-	-	-	2	2	-	4	-	4	1	-	
1 Chigwell, part of* HHHH	11,779	12,941	5	5	2	1	-	-	-	-	-	-	1	2	2	-	-	
2 Epping WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 Romford, part of* WH	6,556	4,324	9	3	-	1	-	-	-	-	-	-	1	-	-	2	-	
2 Ilford	8,493	10,913	15	6	3	1	-	-	-	-	-	-	2	-	-	-	-	
3 Barking Town, H	3,514	14,301	18	7	7	-	-	-	-	-	-	-	4	-	-	-	-	
Middlesex County Asylum, Wandsworth.	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	3	-	

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warlingham Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in Boreham sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Contagious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.



TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 29th July, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE OF MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Deaths in Public Houses.
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
GREATER LONDON	443,421	6,528,434	19·8	5·2	2481	1101	438	-	67	5	44	30	14	486	107	50		
INNER LONDON -	74,672	4,546,752	21·6	5·5	1884	805	328	-	56	5	35	19	13	350	82	46		
OUTER RING -	368,749	1,981,682	15·7	4·4	597	296	110	-	11	-	9	11	1	136	25	4		

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
EDINBURGH -	298,927	July	29	185	82	143	-	-	-	-	2	1	
GLASGOW -	733,903	"	29	480	279	198	1	15	1	2	7	4	4
DUBLIN -	349,594	"	29	200	191	285	-	13	3	-	3	1	10
CALCUTTA -	466,460	June	17	-	173	193	-	-	-	-	-	48†	2
BOMBAY -	821,784	July	4	182	486	308	8	9	?	?	?	85†	4
MADRAS -	452,518	June	16	342	301	345	-	1	?	?	?	54	50
PARIS -	2,511,629	July	22	1158	1007	200	-	23	4	5*	3	16	174
BRUSSELS -	551,011	"	22	234	172	159	-	2	1	-	-	-	35
AMSTERDAM -	517,595	"	15	302	167	168	-	-	-	-	4	1	-
ROTTERDAM -	315,305	"	15	201	110	182	-	-	-	3	3	-	-
THE HAGUE -	199,283	"	15	99	48	125	-	-	-	-	-	-	-
COPENHAGEN -	345,000	"	22	181	123	186	-	1	-	1	2	-	20
STOCKHOLM -	291,580	"	15	150	117	209	-	4	1	2*	-	-	6
CHRISTIANIA -	221,073	"	22	104	96	226	-	1	-	-	-	-	23
ST. PETERSBURG	1,132,677	"	15	600	569	262	2	11	3	16	3	24	158
MOSCOW -	988,610	"	15	-	780	411	2	3	3	6	1	2	372
BERLIN -	1,818,517	"	8	862	635	182	-	19	14	10	12	1	71
HAMBURG -	675,351	"	22	-	249	192	-	-	-	1*	3	1	53
DRESDEN -	394,300	June	3	-	-	-	-	-	-	-	-	-	-
BRESLAU -	406,012	July	22	-	232	298	-	3	2	3	-	-	1
MUNICH -	445,000	"	15	326	201	235	-	-	-	-	1	1	54
VIENNA -	1,623,134	"	22	976	610	195	-	15	1	7*	4	1	113
PRAGUE -	384,622	"	22	-	-	-	-	-	-	-	-	-	-
BUDA-PESTH -	666,722	"	15	448	277	216	-	2	2	1	-	-	20
TRIESTE -	166,599	"	8	111	63	197	-	-	1	-	-	-	7
ROME -	505,850	"	1	177	148	153	-	-	-	-	-	5†	18
TURIN (10 days)	344,203	June	10	-	-	-	-	-	-	-	-	-	-
VENICE -	171,023	July	15	97	70	213	-	-	-	1*	-	2	5
CAIRO -	570,062	-	-	-	-	-	-	-	-	-	-	-	-
ALEXANDRIA -	319,766	-	-	-	-	-	-	-	-	-	-	-	-
NEW YORK (including BROOKLYN)	3,550,053	July	1	1417	1369	201	-	8	8	31	9	8	245
PHILADELPHIA -	1,266,832	"	8	-	435	179	-	1	1	11	4	9	61

\* Including deaths from croup.

† Including 6 deaths from plague in Calcutta and 43 in Bombay.

‡ Including 6 deaths from cholera in Bombay.

§ Including 4 deaths from cholera in Bombay.

1899.		Phases of the Moon.	Mean daily rec'd and re-duced to 32° F. (non-hab.)		Of the Air.			Difference between the Air and Dew Point Temperature.			Degree of Humidity (Saturation equals 100).	Of Radiation		General Direction.		Pressure on the Square Foot.		Robinson's.		Ozone received in a gauge whose surface is above the ground.					
MONTH AND DAY	JULY.		High-est.	Low-est.	Daily Range.	Mean daily value.	De-parture from Average of 50 years.	Of the Dew point.	Mean daily value.	Great-est.	Least.	Highest in Sun's Rays.	Lowest on the Grass.	A.M.	P.M.	Great-est.	Least.	Mean of 24 hourly obs.	Horizontal Movement of the Air on each Day.		Depar-ture from Average of 16 Years.				
		Perigee	In.	671	577	94	610	- 1.8	60.1	0.9	6.1	0.0	97	89.1	56.6	66.10	N. & WSW.	N. & NNW.	1.0	0.0	0.0	Miles. - 57	in. 0.95	0.0	
SUNDAY - 23		..	29.645	727	574	15.3	642	+ 1.6	54.3	9.9	16.7	2.5	70	132.9	56.3	65.70	NNW. & N.	NNW. & N.	3.0	0.0	0.3	293	+ 62	0.01	0.0
MONDAY - 24		..	30.012	781	552	22.9	665	+ 4.1	50.6	15.9	25.2	5.2	57	129.6	47.0	65.38	NNW. & W.	NNW. & W.	1.4	0.0	0.1	250	+ 16	0.00	0.0
TUESDAY - 25		..	30.027	81.5	60.2	21.3	69.3	+ 7.0	59.3	10.0	21.2	3.0	71	140.0	54.5	65.17	NNW. & W.	NNW. & W.	3.7	0.0	0.6	428	+193	0.01	0.0
WEDNESDAY 26		In Equator	30.160	720	56.9	15.1	63.1	+ 0.8	47.4	15.7	22.4	7.8	57	137.1	47.4	65.42	N. & NNW.	N. & NNW.	1.7	0.0	0.2	262	+ 27	0.00	0.0
THURSDAY- 27		..	30.149	762	49.2	27.0	63.6	+ 1.3	47.6	16.0	27.4	1.5	56	139.0	38.3	65.09	NNW. & N.	NNW. & N.	1.2	0.0	0.1	176	- 60	0.00	0.0
FRIDAY - 28		..	30.037	80.0	50.5	29.5	66.1	+ 3.8	52.3	13.8	21.9	2.0	61	138.4	41.2	65.01	WSW. & W.	NNW. & N.	2.1	0.0	0.1	224	- 13	0.00	0.0
SATURDAY- 29		Last Quarter.																							
MEANS -			29.978	754	55.3	20.1	64.8	+ 2.4	53.1	11.7	20.1	3.1	67	129.4	48.8	65.41	NNW. & WSW.	NNW. & WSW.	..	..	..	Sum 1812	Sum +168	Sum 0.97	0.0
No. of Column -		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

The results apply to the civil day, or from midnight to midnight. The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level. Observations are usually taken at 9h. A.M.; noon; 3h. P.M. and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1883 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1880, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875. In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average. The values given in column 17 are not corrected for the index error of the thermometer, which cannot be detected. The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable. The numbers in column 28 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day. The reading of the barometer decreased from 29.70 in. at the beginning of the week to 29.63 in. by 2h. P.M. on the 23rd; increased to 30.20 in. by midnight on the 27th; decreased to 30.00 in. by 5h. P.M. on the 29th, and increased to 30.04 in. by the end of the week.

DATE.		ELECTRICITY. (For explanation of symbols, see Note.)	Registered Sunshine in hours.	Sun above Horizon, in hours.	GENERAL REMARKS.
JULY.					
SUNDAY	- 23	v. P. and v. N. till 8h. A.M.; w. P. gene- rally afterwards.	0.0	158	Overcast; frequent rain. Slight thunder- storm in early morning, with very heavy rain between 3h. and 4h. A.M. Occasional distant thunder in forenoon.
MONDAY	- 24	w. P. till 9h. A.M.; m. P. afterwards.	6.5	158	Overcast in morning, with rain till 10h. 30m. A.M.; fine, with large amounts of cloud afterwards.
TUESDAY	- 25	w. P. generally	11.5	157	Very fine generally; the amount of cloud was usually small.
WEDNESDAY	- 26	w. P. throughout	11.7	157	Very fine generally, with variable amounts of cloud till 10h. P.M.; overcast afterwards with sharp shower at 11h. P.M.
THURSDAY	- 27	w. P. till 5h. A.M.; m. P. till 11h. A.M.; w. P. afterwards.	11.4	156	Very fine, with small amounts of cloud throughout.
FRIDAY	- 28	w. P. generally	11.1	156	Very fine generally. Solar halo observed at 3h. 30m. P.M.
SATURDAY	- 29	w. P. generally	11.4	155	Very fine generally; partially cloudy in forenoon.
No. of Col.	-		Sum 63.6	Sum 109.7	
		27	28	29	

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1899.



# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 31. 1899. VOL. LX.] WEEK ENDING SATURDAY, AUGUST 5. [Price 1½d.

General Register Office, Somerset House,  
August 8th, 1899.

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 24·6 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	July 15.	July 22.	July 29.	Aug. 5.		July 15.	July 22.	July 29.	Aug. 5.
33 Great Towns	16·9	18·4	20·7	24·6	Leicester - -	17·3	12·9	14·4	23·7
Birkenhead -	13·6	23·1	21·3	19·5	Liverpool - -	23·3	26·6	29·7	31·5
Birmingham -	18·6	21·1	21·1	24·6	London - - -	15·9	18·2	21·6	25·2
Blackburn -	17·0	17·4	13·1	13·9	Manchester - -	21·4	22·0	24·1	29·0
Bolton - - -	15·1	16·1	17·4	18·0	Newcastle-on-Tyne	19·2	16·2	14·8	27·6
Bradford - -	15·9	16·1	16·3	18·8	Norwich - - -	12·4	14·3	15·2	20·7
Brighton - -	16·1	7·6	16·9	16·1	Nottingham - -	15·4	19·2	20·9	28·1
Bristol - - -	13·8	14·1	13·6	21·0	Oldham - - -	13·8	15·2	17·3	16·3
Burnley - - -	17·1	10·6	18·4	30·0	Plymouth - - -	15·0	22·8	22·3	32·6
Cardiff - - -	11·8	14·0	11·5	16·3	Portsmouth - -	12·0	16·9	19·7	28·2
Croydon - - -	11·0	13·5	13·9	12·7	Preston - - -	13·3	13·7	19·5	15·5
Derby - - -	12·7	12·7	16·2	12·7	Salford - - -	24·6	29·4	25·3	29·6
Gateshead - -	17·6	21·0	13·7	12·7	Sheffield - - -	24·1	26·7	27·6	37·4
Halifax - - -	18·7	17·6	15·5	15·5	Sunderland - -	16·1	12·5	17·2	18·6
Huddersfield -	11·1	10·6	13·1	19·2	Swansea - - -	20·1	14·1	15·6	21·1
Hull - - -	12·9	13·6	18·7	18·3	West Ham - - -	12·0	14·6	25·2	27·4
Leeds - - -	17·1	20·4	21·2	24·5	Wolverhampton	21·1	11·7	12·9	20·5

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Liverpool, 1·2 in Salford, 2·6 in Sheffield, and 2·8 in Burnley; from *whooping-cough*, 1·0 in Huddersfield, 1·1 in Leeds, and 1·2 in Blackburn; and from *diarrhœa*, 4·1 in Croydon, 4·5 in Birkenhead and in Bolton, 4·9 in Hull, 5·0 in Bristol, 5·5 in London, 5·9 in Leeds, 6·0 in Manchester and in Salford, 6·1 in Leicester, 6·3 in Birmingham, 6·9 in Norwich, 7·3 in Liverpool, 7·7 in Portsmouth, 7·8 in Plymouth, 8·3 in Nottingham, 9·7 in West Ham, and 10·7 in Sheffield. In none of the thirty-three towns did the death-rate from "*scarlet fever*" or from "*fever*," reach 1·0 per 1000. The 91 deaths from *diphtheria* included 44 in London, 9 in Leeds, 9 in Sheffield, 5 in West Ham, 5 in Leicester, 4 in Liverpool, and 3 in Swansea. No death from *small-pox* was registered in any of the thirty-three towns.

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

## LONDON.

In LONDON\* 2577 BIRTHS and 2200 DEATHS were registered. Allowing for increase of population, the births were 51 below, and the deaths 401 above, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 15·9, 18·2, and 21·6 in the preceding three weeks, further rose last week to 25·2. During the four weeks ending on Saturday last the death-rate averaged 20·2 per 1000, being 0·9 per 1000 above the mean rate in the corresponding periods of the ten years 1889-98.

The 2200 deaths included 60 from measles, 6 from scarlet fever, 44 from diphtheria, 27 from whooping-cough, 13 from enteric fever, 477 from diarrhoea and dysentery, 21 from cholera and choleraic diarrhoea, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 648 deaths were referred to these diseases, being 196 above the corrected average weekly number.

The deaths from *measles*, which had been 48, 46, and 56 in the preceding three weeks, further rose last week to 60, and were 11 above the corrected average; 15 cases belonged to Lambeth, 5 to St. George Southwark, 5 to Newington, and 5 to Greenwich sanitary areas. The deaths from *scarlet fever*, which had been 4, 8, and 5 in the preceding three weeks, were 6 last week, the corrected average being 21. The deaths from *diphtheria*, which had been 37, 42, and 35 in the preceding three weeks, rose again last week to 44, but were 2 below the corrected average; 4 cases belonged to Islington, 4 to Newington, 4 to Camberwell, 3 to Lewisham, 3 to St. Pancras, and 3 to Mile End Old Town sanitary areas. The deaths from *whooping-cough*, which had been 26, 20, and 19 in the preceding three weeks, rose again last week to 27, but were 7 below the corrected average. The fatal cases of *enteric fever*, which had been 6, 8, and 13 in the preceding three weeks, were again 13 last week, the corrected average being 11; 2 cases belonged to Hackney and 2 to Whitechapel sanitary areas. The deaths from *diarrhoea*, which had been 75, 185, and 350 in the preceding three weeks, further rose last week to 477, and were 198 above the corrected average. Of the 477 deaths from diarrhoea, 456 were of children under 5 years of age; 220 more deaths at this age-period were described as due to *gastro-enteritis*, which appears as a separate heading in Table 4. The deaths referred to diseases of the respiratory organs, which had been 176, 149, and 169 in the preceding three weeks, fell again last week to 159, and were 23 below the corrected average. The deaths attributed directly to *influenza* numbered 2, having been 7, 11, and 11 in the preceding three weeks.

Different forms of violence caused 91 deaths, concerning all but 7 of which inquests were held. Of these 91 deaths, 6 were cases of suicide, while the remaining 85 were attributed to accident or negligence. Eight of these were referred to vehicles in the streets, 15 to drowning, 6 to sunstroke, 1 to the effects of nitrous oxide administered for surgical purposes, and 10 (including 9 of infants under one year of age), to suffocation in bed.

## CASES OF INFECTIOUS SICKNESS IN HOSPITALS.†

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of smallpox, 2704 cases of scarlet fever, 1526 of diphtheria, and 158 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 297 cases, against 299, 292, and 307; of diphtheria, 216 cases, against 222, 224, and 265; and of enteric fever, 50 cases, against 22, 23, and 46.

\* Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7 added to the Outer Ring, or to other areas to which they belong.

† The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases the diagnosis is found after sojourn in the Hospital to have been erroneous.



## GREATER LONDON.

In Greater London 3706 births and 2959 deaths were registered, corresponding to annual rates of 29·6 and 23·6 per 1000 of the estimated population. In the Outer Ring 11 deaths from measles, 2 from scarlet fever, 14 from diphtheria, 12 from whooping-cough, 3 from "fever," and 220 from diarrhoea were registered. Seven deaths from diphtheria and 94 from diarrhoea occurred in West Ham district.

## METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 30·00 inches, and that of the Thermometer 67°·5; the latter being 5°·3 above the week's average in the 50 years 1841-90. The direction of the wind was easterly, the horizontal movement of the air being 7 per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 79·7 hours; the measured rainfall amounted to 0·09 of an inch.

## RETURNS OF LONDON WATER COMPANIES.

The LONDON WATER COMPANIES have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of July 1899. The supply was in the ratio of 273 gallons to one service.

COMPANIES.	Number of Services.		Daily Supply of Water in Gallons.	
	JULY, 1898.	JULY, 1899.	JULY, 1898.	JULY, 1899.
TOTAL SUPPLY - - -	861,546	885,103	229,871,530	241,321,119
From Thames - - - - -	413,402	424,306	124,250,360	130,604,098
From Lea and from other Sources -	448,144	460,797	105,621,170	110,717,021
THAMES.				
Chelsea - - - - -	35,974	38,355	13,225,278	14,930,069
West Middlesex - - - - -	82,629	84,354	23,917,011	24,797,025
Southwark and Vauxhall - - - - -	121,819	122,975	36,931,031	36,920,467
Grand Junction - - - - -	62,766	64,804	22,647,111	23,513,794
Lambeth - - - - -	110,214	113,818	27,529,929	30,442,803
LEA AND OTHER SOURCES.				
New River - - - - -	164,676	167,246	42,694,436	44,255,488
East London - - - - -	195,360	201,905	44,959,166	46,600,463
Kent - - - - -	88,108	91,646	17,967,568	19,861,070

*Note.*—The Return for July 1899, as compared with that for the corresponding month of 1898, shows an increase of 23,557 services and of 11,449,589 gallons of water supplied daily.

## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING JULY, 1899.

*Water-analysis Laboratory, The Yews, Reigate,*

*1st of August, 1899.*

SIR,

I HAVE to report to you the results of the chemical analysis, and of the physical and bacterioscopic examination of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of July.

These examinations include (a) the bacterioscopic and chemical condition of the raw river waters at the intakes of the various Companies, and (b) the bacteriology of the water as it issues from the filter beds of each Company, and before it is pumped into the distributing mains.

I append, also, the results obtained in the analysis of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill, of Birmingham, and Dr. Mills, of Glasgow.



# Analysis of Metropolitan Waters.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.		Date and Place of Collection.	Temperature in Centigrade degrees.	Total Solid Matters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen as Ni- trates and Nitrites.	Total Combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.										
	(Unfiltered water) -	July 4th. Grand Junction Co.'s intake at Hampton.	17.8	26.44	.214	.034	.008	.138	.179	1.9	18.9
	Chelsea - - -	July 7th. Cab Rank, Horse Guards, Whitehall.	18.0	25.14	.119	.014	0	.130	.144	1.7	17.4
	West Middlesex -	July 7th. Cab Rank, Riding House- street.	16.5	24.60	.122	.018	0	.127	.145	1.8	16.9
	Southwark - - -	July 7th. Cab Rank, St. George's Church, Borough.	20.0	25.30	.121	.014	0	.146	.160	1.7	17.7
	Grand Junction -	July 7th. Cab Rank, Portman- street, Oxford-street.	19.3	24.98	.118	.013	0	.163	.176	1.7	17.1
	Lambeth - - -	July 7th. Cab Rank, St. George's- road, Southwark.	18.5	27.12	.123	.014	0	.167	.181	1.8	18.6
	LEA.										
	(Unfiltered water) -	July 6th. New River Cut at Green Lanes.	16.3	35.12	.108	.018	.006	.173	.196	2.0	18.6
	New River - - -	July 7th. Cab Rank, Tottenham Court-road.	17.8	33.56	.064	.005	0	.173	.178	1.9	20.0
Outer Circle.	(Unfiltered water) -	July 6th. Lea at Angel-road.	17.8	29.88	.240	.048	.010	.151	.207	2.0	19.7
	East London - -	July 7th. Cab Rank, Sidney-street, E.	18.7	27.86	.111	.011	0	.115	.126	2.0	18.0
	DEEP WELLS.										
	Kent - - - -	July 7th. Police Station, Blackheath-road.	13.0	39.20	.022	.005	0	.445	.450	2.1	27.2
	East London - -	July 13th. Chingford Well.	—	28.40	.050	.012	.008	trace	.019	2.0	20.0
	Corporation of Birming- ham* - - - -	July 14th. 14 Court, Rea-Street.	20.0	34.00	.290	.030	.001	.050	.081	2.2	17.0
Corporation of Glasgow†		July 15th. Loch Katrine water.	16.4	2.48	.120	.030	0	.002	.032	.7	1.3
Column 1.		2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

\* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers contained in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus:—The Thames water collected on the 4th July at the Grand Junction Company's intake at Hampton had a temperature of 17.9° C.; 100,000 lbs. of it contained 26.44 lbs. of solid matter in solution; the organic substances, constituting a portion of this matter, contained .214 lb. of carbon and .034 lb. of nitrogen. The above quantity of water also contained .008 lb. of ammonia and .138 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was .179 lb. The above weight of water also contained 1.9 lb. of chlorine, and 18.9 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

Taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December 1876, as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies, was:—Kent 0·5, East London (deep well) 1·1, New River 1·2, East London (river supply) 2·1, Grand Junction 2·2, Chelsea, Southwark, and Lambeth 2·3, and West Middlesex 2·4.

The unfiltered waters contained the following proportions:—Thames at Hampton 4·2, New River Cut 2·1, and Lea at Angel Road 4·9.

The Thames at Hampton was, on July 4th, turbid and pale yellow in colour. It was of good chemical but indifferent bacterial quality. The water supplied by the five Companies drawing from this river was, in every case, efficiently filtered before delivery; and, both chemically and bacterially, of excellent quality for dietetic and all domestic purposes. The Southwark Company's general supply from Hampton, however, again seriously infringed the bacterial standard of 100 microbes per cubic centimetre. In comparison with the water passing the intakes at Hampton, the bacterial improvement effected by the Thames Companies is expressed by the following percentage numbers:—Chelsea 99·74, West Middlesex 99·83, Southwark (general supply from Hampton) 93·44, (No. 4 filter) 99·94, Grand Junction (general filter well at Hampton) 98·94, (general supply at Kew Bridge) 99·47, (South filter well at Kew Bridge) 99·69, and Lambeth 99·63.

The New River Cut, before entering the storage and subsidence reservoirs of the New River Company, on the 6th July, was turbid and nearly colourless. It was of very good chemical and bacterial quality. After efficient filtration, it was of most excellent chemical and bacterial quality for dietetic and all domestic purposes. The reduction in the number of microbes amounted to 98·11 per cent.

The Lea, at Angel Road, passing the intake of the East London Company, was, on July 6th, turbid and pale yellow in colour. It was of good chemical and bacterial quality. After efficient filtration, it was delivered in excellent chemical and bacterial condition, but it was slightly turbid, owing to particles of rust of iron from the mains. In comparison with the raw water at the intake, the bacterial improvement is expressed by the following percentage numbers:—No. 1 Essex filters 98·36, No. 2 Essex filters 97·72, and Middlesex 98·07.

The deep well water of the Kent and East London Companies was clear and bright without filtration, and of excellent quality for dietetic and all domestic purposes.

Seen through a stratum two feet deep, the New River, Kent and East London (deep well) water was clear and colourless, the East London (river supply) very pale yellow and slightly turbid, and the remaining waters clear and very pale yellow.

The bacterioscopic examination of the river waters, before and after storage, and of the filtered supplies delivered by the various Companies, collected on the 4th, 5th, 6th and 7th July yielded, after prolonged incubation, the results contained in the following Table:—

DESCRIPTION.	Microbes per c.c.	Temp. C.
<b>RAW AND STORED RIVER WATERS.</b>		
River Thames at Hampton, July 4th	6,400	17·6
" " after storage by Chelsea Company, July 4th	1,020	17·2
" " by West Middlesex Company, July 5th	660	17·3
Grand Junction Company's water at Kew Bridge passing to filters, July 5th	380	18·2
New River Cut before passing through reservoirs, July 6th	740	18·3
" " after " " "	1,780	17·5
River Lea at Angel Road, July 6th	2,800	17·8
" " after storage by East London Company, July 6th	2,540	17·8
<b>FILTERED RIVER WATERS AS SUPPLIED.</b>		
<b>THAMES.</b>		
Chelsea Company's general filter well, July 4th	18	17·5
West Middlesex Company's general filter well, July 5th	12	17·0
Southwark Company's tap on filtered water main at Hampton works, July 4th	420	16·9
Southwark Company's No. 4 filter well, July 4th	4	16·6
Grand Junction Company's general filter well at Hampton, July 4th	68	17·5
" " tap on filtered water main at Kew Bridge Works, July 5th	34	17·6
" " south filter well at Kew Bridge, July 5th	20	17·3
Lambeth Company's general filter well, July 4th	24	16·8
<b>LEA.</b>		
New River Company's general filter well, July 6th	14	17·5
East London Company's No. 1 Essex filters, July 6th	46	17·7
" " No. 2 " " "	64	17·8
" " Middlesex " " "	54	17·9
<b>DEEP-WELL.</b>		
Kent Company's "New" Well at Deptford, July 7th	1	11·3

Dr. Hill, F.I.C., Medical Officer of Health for Birmingham, reports that the water supplied to that City was, on July 14th, "slightly turbid and pale green."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that City from Loch Katrine was, on July 15th, "light brown in colour, and contained a little suspended matter."

I am, &c.,<sup>1</sup>

E. FRANKLAND.

The Registrar-General, &c., &c.

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CITIES AND BOROUGHES.	Registered during the Week ending 5th August 1939.			The DEATHS registered in the Week include										TEMPERATURE OF THE AIR.										RAINFALL.		CITIES AND BOROUGHES
	POPULATION estimated at the middle of the Year 1939.*	2.	3.	Deaths of		Deaths from							Deaths in Public Institutions.			Causes of Death.		Annual Rate per 1000, corrected according to the Week's Deaths.		Mean.		In Inches.	In Centi- metres.			
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes of Death.	From All Causes.	From Cerebral Disease in Cols. 6-12.	Highest.	Lowest.	Fahrenheit.			Centigrade.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.	
33 TOWNS	11,404,408	6676	5379	2552	789	-	128	20	91	82	35	1132	175	302	913	55	246	70	894	480	653	1850	008	020	33 TOWNS.	
LONDON	4,546,762	2577	2200	1049	302	-	60	6	44	27	13	477	91	161	521	9	252	72	822	521	675	1972	009	023	LONDON.	
WEST HAM	300,241	172	158	109	12	-	1	-	5	4	1	56	4	5	14	2	274	116	-	-	-	-	-	-	WEST HAM.	
CROYDON	127,769	67	31	19	3	-	-	-	1	1	-	10	1	3	3	-	127	49	825	530	674	1967	000	000	CROYDON.	
BRIGHTON	123,226	68	38	14	12	-	-	-	1	-	-	6	3	3	7	-	161	30	894	586	704	2133	005	013	BRIGHTON.	
PORTSMOUTH	190,741	89	103	54	13	-	-	-	-	-	2	28	1	2	6	1	282	87	845	552	678	1989	000	000	PORTSMOUTH.	
PLYMOUTH	160,637	62	63	40	13	-	-	-	-	1	-	15	1	3	4	1	326	83	-	-	-	-	-	-	PLYMOUTH.	
BRISTOL	320,911	159	129	51	29	-	-	-	-	2	-	31	5	10	22	2	210	52	873	520	676	1978	002	005	BRISTOL.	
CARDIFF	186,828	111	58	24	8	-	-	-	2	2	1	7	2	3	5	1	163	34	-	-	-	-	-	-	CARDIFF.	
SWANSEA	103,722	57	42	14	7	-	-	-	3	1	-	-	2	3	4	1	211	25	-	-	-	-	-	-	SWANSEA.	
WOLVERHAMPTON	88,821	64	35	11	7	-	-	-	-	-	-	2	3	5	8	-	205	12	826	502	639	1772	000	000	WOLVERHAMPTON.	
BIRMINGHAM	514,956	351	243	129	32	-	2	1	1	1	1	62	10	13	33	2	246	69	-	-	-	-	-	-	BIRMINGHAM.	
NORWICH	113,266	62	45	21	17	-	-	-	-	2	15	1	2	4	1	2	207	78	806	500	613	1628	000	000	NORWICH.	
LEICESTER	213,851	129	97	50	13	-	1	1	5	3	-	25	2	3	6	1	237	85	-	-	-	-	-	-	LEICESTER.	
NOTTINGHAM	239,384	153	129	66	22	-	4	-	-	1	2	38	2	4	14	-	281	98	849	537	650	1833	000	000	NOTTINGHAM.	
DERBY	106,401	53	26	12	5	-	1	-	-	-	-	-	3	4	7	-	127	20	-	-	-	-	-	-	DERBY.	
BIRKENHEAD	116,162	58	43	25	5	-	-	-	-	-	-	10	1	1	3	1	195	45	-	-	-	-	-	-	BIRKENHEAD.	
LIVERPOOL	634,212	467	383	180	41	-	12	1	4	7	5	89	5	5	55	11	315	97	740	534	625	1634	020	051	LIVERPOOL.	
BOLTON	162,221	77	56	23	12	-	-	-	1	2	1	14	-	5	6	1	180	58	-	-	-	-	-	-	BOLTON.	
MANCHESTER	543,002	334	302	137	39	-	8	-	1	9	-	63	9	14	51	3	290	84	-	-	-	-	-	-	MANCHESTER.	
SALFORD	218,244	131	124	56	19	-	5	1	1	1	3	25	3	3	19	2	163	24	-	-	-	-	-	-	SALFORD.	
OLDHAM	150,772	68	47	11	11	-	1	2	1	1	-	8	3	3	7	-	139	31	-	-	-	-	-	-	OLDHAM.	
BURNLEY	113,081	59	65	34	9	-	6	2	-	2	-	4	1	1	4	3	139	31	-	-	-	-	-	-	BURNLEY.	
BLACKBURN	135,154	76	36	14	4	-	-	-	1	3	-	4	1	1	6	3	155	49	-	-	-	-	-	-	BLACKBURN.	
PRESTON	117,622	67	35	14	6	-	1	1	1	1	-	7	1	1	5	-	155	49	-	-	-	-	-	-	PRESTON.	
HUDDESFIELD	103,464	48	38	6	12	-	-	-	-	2	-	4	1	2	2	2	192	30	837	533	633	1739	045	114	HUDDESFIELD.	
HALEFAX	97,721	49	29	10	7	-	-	-	-	-	1	-	1	2	1	2	135	05	-	-	-	-	-	-	HALEFAX.	
BRADFORD	236,241	112	85	24	24	-	-	-	-	-	-	13	4	4	20	-	188	31	843	550	651	1830	008	020	BRADFORD.	
LEEDS	423,880	254	199	111	26	-	4	1	9	9	2	48	1	7	19	-	245	90	-	-	-	-	-	-	LEEDS.	
SHEFFIELD	361,169	252	259	138	23	-	18	1	9	1	-	74	5	8	18	5	374	149	-	-	-	-	-	-	SHEFFIELD.	
HULL	234,270	152	82	40	14	-	-	-	1	1	-	11	1	2	7	2	183	53	870	480	615	1639	001	003	HULL.	
SUNDERLAND	145,613	104	52	19	11	-	-	-	-	1	-	-	2	1	3	2	127	15	-	-	-	-	-	-	SUNDERLAND.	
GATESHEAD	106,552	66	36	6	8	-	-	-	-	-	-	2	1	2	3	-	186	43	-	-	-	-	-	-	GATESHEAD.	
NEWCASTLE	228,625	128	121	41	23	-	2	1	-	1	1	10	4	6	23	1	276	34	-	-	-	-	-	-	NEWCASTLE.	

\* See note \* on first page of this return

TABLE 2. LONDON.—Births and Deaths Registered in the THIRTY-FIRST Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2481	2557	2317	2376	2570	2695	2624	2623	2395	2335	2627.5	2577
Males - -	1216	1338	1199	1258	1359	1379	1376	1343	1227	1171	1353.7	1338
Females - -	1265	1219	1118	1118	1211	1316	1248	1280	1168	1164	1273.8	1239
<b>TOTAL Deaths</b>	1532	1633	1646	1409	1715	1464	1896	2058	2202	1583	1790.2	2200
Males - -	825	881	883	734	913	775	915	1103	1176	852	952.9	1120
Females - -	707	802	763	675	802	689	891	955	1026	734	846.3	1080

\*The numbers in this column are the average weekly numbers in the thirty-first week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	May 13.	May 20.	May 27.	June 3.	June 10.	June 17.	June 24.	July 1.	July 8.	July 15.	July 22.	July 29.	Aug. 5.
<b>TOTAL Births</b> - -	2574	2598	2306	2678	2445	2571	2422	2441	2484	2351	2444	2494	2577
<b>TOTAL Deaths</b> - -	1428	1419	1366	1483	1365	1316	1355	1287	1310	1387	1589	1884	2200
<b>Ages at Death</b>													
Under 1 year - -	285	277	296	281	281	299	272	264	299	367	556	805	1048
1-5 years - -	196	170	174	168	218	173	199	156	184	175	201	223	239
5-20 " - -	72	77	73	92	79	71	91	78	86	82	85	98	99
20-40 " - -	206	219	166	211	197	171	215	212	157	171	151	161	201
40-60 " - -	282	314	295	351	264	290	279	287	255	271	279	269	311
60-90 " - -	320	297	289	310	269	280	254	240	270	270	254	264	238
80 years and upwards	67	65	73	70	57	52	45	60	59	51	63	64	64
<b>Deaths from—</b>													
Small pox - -	-	-	-	-	1	-	-	-	-	1	-	-	-
Measles - -	49	51	61	67	93	64	65	51	50	48	46	56	60
Scarlet Fever - -	2	9	5	4	5	7	4	11	12	4	8	5	6
Diphtheria - -	40	24	23	24	28	35	28	25	31	37	42	35	44
Whooping-cough - -	39	39	34	33	27	35	35	26	27	26	20	19	27
Typhus - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever - -	8	6	4	6	7	6	6	11	7	6	8	13	13
Simple Continued Fever - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery - -	9	12	10	13	12	12	9	20	23	75	185	350	477
Cholera - -	-	-	-	-	-	-	1	-	-	2	7	12	21
<b>All the above Diseases</b> - -	147	141	137	147	173	159	148	144	155	199	316	490	648
<b>Dis. of Respiratory System—</b>													
Phthisis - -	257	257	256	240	216	207	190	159	194	176	149	169	159
Dis. of Circulatory System - -	143	170	141	165	141	133	153	153	139	115	116	112	143
Violence - -	148	137	134	189	110	125	116	124	114	122	116	123	110
Inquest Cases - -	83	64	68	66	80	60	86	73	49	67	77	82	91
Deaths in Public Institutions - -	166	141	139	152	156	124	162	143	120	128	137	156	161
<b>TEMPERATURE OF THE AIR.</b>													
Mean - -	50.9	54.4	49.5	58.4	61.1	56.3	60.7	62.3	62.3	66.2	70.2	64.8	67.5
Mean of Highest readings - -	62.2	62.7	57.1	70.8	73.3	69.3	69.7	73.1	71.9	77.7	83.2	75.4	78.8
Mean of Lowest readings - -	41.7	48.3	43.2	43.6	49.1	45.1	53.7	53.8	54.3	56.9	57.9	55.3	57.3
<b>Humidity of the Air</b> - -	75	75	78	60	64	67	73	68	71	67	58	67	69
<b>Rain-fall (in inches)</b> - -	0.01	0.97	0.66	0.00	0.00	0.00	0.51	0.74	0.13	0.09	0.06	0.97	0.09
<b>Registered Sunshine (in hours)</b>	43.0	33.9	29.3	95.9	72.1	68.0	26.2	43.9	31.4	49.4	71.0	63.6	79.7
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - -	-	1	1	1	1	1	1	2	-	-	-	-	1
Scarlet Fever - -	2210	2161	2201	2212	2269	2280	2367	2430	2530	2602	2653	2667	2704
Diphtheria - -	1065	1066	1111	1134	1159	1170	1230	1280	1347	1434	1488	1545	1526
Enteric Fever - -	107	99	102	99	97	93	109	105	94	99	104	131	158

\*The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Weston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.



TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-FIRST Week of the Year 1899.

CAUSES OF DEATH		Corrected Averages for the 31st Week of the 10 years 1889-98.	In the Week ending Saturday, 5th August 1899.								Corrected Averages for the 31st Week of the 10 years 1889-98.	In the Week ending Saturday, 5th August 1899.							
			Deaths of Persons of the Ages									Deaths of Persons of the Ages							
			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.
			0-1.	1-5.	5-20.							0-1.	1-5.	5-20.					
DISEASES		1799.2	2200	1049	238.99	201	311	238.64	Diseases of Circulatory System	113.6	110	-	-	7	19	34	45	5	
{ Vaccinated + Unvaccinated		0.2	-	-	-	-	-	-	Croup	37	1	-	1	-	-	-	-	-	
{ No Statement		0.3	-	-	-	-	-	-	Bronchitis	85.5	61	19	4	-	-	14	18	6	
Fever		0.5	60	22	36	2	-	-	Pneumonia	69.4	79	19	14	4	11	19	12	-	
ng Fever		20.8	6	-	1	5	-	-	Pleurisy	5.6	5	-	-	1	1	3	-	-	
ng Fever		0.2	-	-	-	-	-	-	Other Diseases of Respiratory System	17.4	13	5	-	-	-	4	3	1	
ng Fever		4.4	2	-	-	-	1	1	Dentition	10.5	16	14	2	-	-	-	-	-	
ng-cough		34.4	27	15	11	1	-	-	Quinsy, Sore Throat	1.6	3	-	3	-	-	-	-	-	
ria		46.3	44	3	28	11	2	-	Enteritis	80.8	54	34	10	4	1	3	2	-	
Continued and		0.6	-	-	-	-	-	-	Gastro-enteritis	-	228	191	29	-	-	1	3	4	
ned Fever		10.6	13	-	3	6	4	-	Peritonitis	7.7	5	1	-	2	1	1	-	-	
Fever		10.3	21	12	7	1	1	-	Diseases of Liver	27.3	33	3	1	-	7	15	6	1	
and Chol. Diarr.		278.8	477	419	37	4	2	6	Other Diseases of Digestive System	37.7	34	7	3	2	10	5	6	1	
ea, Dysentery		0.1	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands	3.2	1	-	-	1	-	-	-	-	
nt Fever		0.1	-	-	-	-	-	-	Diseases of Urinary System	41.1	35	-	-	1	7	12	14	1	
hobia		0.1	-	-	-	-	-	-	Diseases of Generative System	5.8	10	-	-	-	5	4	1	-	
and Effects of		0.1	1	1	-	-	-	-	Accidents of Childbirth	4.7	9	-	-	-	9	-	-	-	
ation		10.3	9	4	-	2	-	2	Diseases of Locomotive System	6.5	10	3	1	2	3	1	-	-	
al Affections		41.8	8	1	-	1	4	1	Diseases of Integumentary System	6.8	7	2	1	-	1	1	2	-	
las		17.6	5	2	1	1	1	1	VIOLENT DEATHS: (ACCIDENT.)										
al and Septicæmia		3.4	2	-	-	1	1	-	By Railways		1	-	-	-	1	-	-	-	
ymptomatic Diseases		1.9	1	1	-	-	-	-	By Vehicles or Horses		8	-	1	3	2	-	2	-	
									In Ships, Boats, Docks, (exclusive of Drowning)		2	-	-	-	2	-	-	-	
and other Para-		2.2	-	-	-	-	-	-	In Building Operations		1	-	-	-	1	-	-	-	
Diseases		0.3	1	-	-	-	1	-	In Conflagrations		1	-	-	-	-	-	-	-	
									By Burns, Scalds, Explosions	59.7	8	-	4	1	2	1	-	-	
ion, Want of		3.4	3	2	-	-	-	1	By Drowning		15	-	-	7	4	4	-	-	
t-milk		9.6	15	-	-	6	9	-	By Suffocation in Bed		10	9	-	-	-	1	-	-	
ism									By Poisons or Poisonous Vapours		7	-	1	-	3	3	-	-	
									Other or not stated causes		33	6	2	3	4	12	3	3	
atic Fever, Matism of Heart		5.2	7	-	-	1	3	2	(VIOLENCE OTHER THAN ACCIDENTAL.)										
atism		1.6	4	-	-	-	1	2	Homicide	1.2	-	-	-	-	-	-	-	-	
		2.2	2	-	-	-	1	1	Suicide	10.8	6	-	-	-	1	3	2	-	
		7.5	9	3	6	-	-	-	Execution	0.2	-	-	-	-	-	-	-	-	
		72.0	78	-	-	1	8	38	OTHER CAUSES	81.3	83	77	3	-	-	2	1	-	
Mesenterica		40.1	34	28	3	1	2	-											
ular Meningitis		31.1	22	10	6	4	1	1											
sa, Tuberculosis		142.2	143	4	316	56	55	8											
Constitutional		25.6	19	8	4	3	3	1											
ases		10.3	10	-	1	-	2	1											
ture Birth		55.3	53	52	1	-	-	-											
asias		3.5	5	5	-	-	-	-											
ital Malforma-		8.7	7	6	-	1	-	-											
re		39.1	38	-	-	-	-	11											
oxy		37.9	47	1	-	-	2	16											
sy		8.0	10	-	1	-	4	4											
isions		46.9	46	40	6	-	-	-											
Diseases of Brain		82.5	79	18	6	6	7	14											
Nervous System																			
es of Organs of																			
ial Sense		4.2	4	2	-	1	1	-											

The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Where cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement." The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 5th August, 1899.

REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total Births.	The DEATHS registered during the Week include																Deaths in Public Institutions.
			Total Deaths.	Deaths of		Deaths from													
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.			
LONDON -	4,411,710	2,577	2,200	1049	302	-	60	6	44	27	-	13	-	477	91	161	521		
WEST DISTRICTS.																			
St. Mary Paddington } G. & W.	90,996	54	40	21	5	-	-	-	-	-	-	1	-	15	4	6	4		
St. John Paddington } H - - G.	33,510	10	11	-	2	-	-	-	-	-	-	-	-	1	-	-	7		
Kensington Town } W - - W.	122,164	55	60	24	15	-	-	-	-	-	-	-	-	9	5	4	18		
Brompton } HH - - W. & C.	48,301	11	12	4	3	-	-	-	-	-	-	-	-	2	1	1	2		
North Hammersmith } H } W. & G }	44,638	29	17	14	-	-	-	-	-	-	-	-	-	5	-	-	-		
South Hammersmith } H }	59,561	29	30	16	3	-	-	-	-	-	-	-	-	9	4	5	2		
Fulham } W - - W. & C.	113,781	90	70	40	8	-	-	1	1	1	-	-	-	19	4	3	7		
Chelsea Kensal Town - - C.	21,450	16	10	7	-	-	-	-	-	-	-	-	-	2	-	2	-		
Chelsea North } W H H H H H - C.	42,057	25	23	9	3	-	-	-	-	1	-	-	-	3	-	2	10		
Chelsea South } HH - - C.	33,139	13	13	6	4	-	-	-	-	-	-	-	-	4	3	3	1		
May Fair } W - - - G.	23,827	6	8	1	1	-	-	-	-	-	-	-	-	-	1	1	7		
Belgrave } W H H H - - - C.	56,140	22	22	10	1	-	-	-	-	-	-	-	-	5	2	3	13		
St. John Westminster } HH - - C.	31,492	16	11	9	1	-	-	-	-	-	1	-	-	4	-	-	-		
St. Margaret Westminster } H - C.	22,097	2	6	2	1	-	-	-	-	-	-	-	-	1	-	-	2		
St. James Westminster } N. & G.	23,050	7	8	3	3	-	-	-	-	-	-	-	-	1	-	-	1		
St. Anne Soho } H H H H H H - N.	12,048	4	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-		
NORTH DISTRICTS.																			
All Souls Marylebone } - - W.	36,595	10	24	5	8	-	-	-	-	-	-	-	-	3	1	-	13		
Rectory Marylebone } W } G. & W.	19,798	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Mary Marylebone } } G. & W.	19,637	33	7	3	-	-	-	-	-	-	-	-	-	-	1	-	1		
Christchurch Marylebone } H - W	32,547	17	9	6	-	-	-	-	-	-	-	-	-	1	-	2	-		
St. John Marylebone } H H H - W.	32,611	15	14	7	1	-	-	-	-	1	-	-	-	4	-	-	-		
Hampstead } W - N. & W.	75,449	25	25	6	7	-	-	2	3	-	-	2	-	4	1	2	11		
Regent's Park Pancras } HH - W.	37,341	16	9	6	1	-	-	-	-	-	-	-	-	2	-	-	1		
Tottenham-court } - N. & W.	26,757	6	12	8	2	-	-	-	-	-	-	-	-	4	-	-	5		
Gray's Inn Lane } H H H - - N.	29,426	13	27	6	4	-	1	-	-	-	-	-	-	5	4	4	7		
Somers Town } HH - - N.	32,161	23	19	9	1	-	1	-	-	-	-	1	-	2	1	2	4		
Camden Town } WH - - N.	16,669	16	9	2	5	-	-	-	-	-	-	-	-	2	-	1	7		
Kentish Town } WW - - N.	98,410	59	40	25	3	-	1	-	-	-	-	-	-	14	-	2	4		
Upper Holloway } - - N.	98,273	59	49	15	8	-	1	-	3	-	-	-	-	1	-	1	26		
Islington South-west } H - N.	107,365	57	33	22	1	-	-	-	2	2	-	-	-	8	-	-	1		
Islington South-east } - - N.	66,549	38	20	10	3	-	-	-	-	-	-	-	-	6	-	1	-		
Highbury } HH - - N.	64,577	31	14	7	2	-	-	-	-	-	-	-	-	4	-	-	-		
Stoke Newington } H - - N.	33,485	8	7	4	1	-	-	-	-	-	-	-	-	2	1	1	-		
North Hackney } - - E. & N.	22	6	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Central Hackney } ww - - E. & N.	21	28	10	3	-	1	-	5	-	-	2	-	-	1	1	4	8		
South-west Hackney } H H H E. & N.	37	36	18	8	-	2	-	-	-	-	-	-	-	9	-	2	6		
South-east Hackney } W w H E. & N.	47	51	20	12	-	1	-	1	1	-	1	-	-	9	1	3	18		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein: namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G, signify Grand Junction Company; W, West Middlesex; C, Chelsea; S, Southwark and Vauxhall; L, Lambeth N. Ne River; E, East London; and K, the Kent Company.

\* See note \* on second page of this Return.  
† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and were named North Hammersmith and South Hammersmith, respectively.

5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each B-DISTRICT during the Week ending Saturday, 5th August, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation. 1896.	Total Births.	Total Deaths	The DEATHS registered during the Week include														Deaths in Public Institutions Un- certified Deaths.	
				Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from											Inquest Cases		Violence
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Inquest Cases				
CENTRAL DISTRICTS.																			
George Bloomsbury - - N.	16,110	7	3	1	1	-	-	-	-	-	-	-	-	-	1	1	-	-	
les South WH - - N.	12,976	18	8	3	2	-	-	-	-	-	-	-	-	-	-	-	3	-	
les North H - - N.	3,151	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
artin-in-the-Fields HHN. & C.	13,077	3	7	1	1	-	-	-	-	-	-	-	-	-	-	1	6	-	
ld WHH - - N.	11,839	3	4	1	-	-	-	-	-	-	-	-	-	-	1	2	1	-	
d Union Workhouse, Edmonton	†1,037	-	2	1	1	-	-	-	-	-	-	-	-	-	-	-	2	-	
orn w HHHHHHH - - N.	31,042	16	34	17	2	-	-	-	-	3	-	-	-	-	3	1	1	21	
mes Clerkenwell - - N.	15,777	16	4	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	
ell Clerkenwell - - N.	34,356	17	10	4	1	-	-	-	-	-	-	-	-	-	3	-	-	-	
ell-street - - N.	16,069	13	6	1	1	-	-	-	-	-	-	-	-	-	1	1	-	-	
road HHHH - - N.	29,897	20	22	14	-	-	2	-	-	-	-	-	-	-	6	-	5	-	
ecross-street - - N.	7,595	4	3	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	
ury - - N.	4,035	-	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
orn Union Workhouse, } cham	†892	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
otolph H - - N. & E.	6,870	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
legate - - N.	3,299	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
pulchre WH - - N.	9,591	2	14	2	2	-	-	-	1	-	-	-	-	-	2	1	1	12	
llows Barking - - N.	9,059	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d Street H - - N.	2,892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
f London Asylum, Stone - -	†388	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
EAST DISTRICTS.																			
editch South H - E. & N.	17,975	9	15	11	-	-	-	-	-	-	-	-	-	-	2	2	2	-	
on New Town w - - N.	29,575	21	26	12	7	-	1	-	-	1	-	-	-	-	8	-	-	9	
on Old Town - - N.	27,645	17	18	12	1	-	-	1	-	-	-	-	-	-	10	2	3	6	
erston WH - - N. & E.	47,163	43	32	20	2	-	-	-	-	-	-	-	-	-	10	-	-	-	
nal Green North H - E.	49,301	39	30	21	2	-	-	-	-	-	-	-	-	-	14	1	5	-	
nal Green South - - E.	34,194	27	9	4	1	-	-	-	-	-	-	-	-	-	-	1	5	-	
nal Green East WH - E.	45,667	26	29	15	6	-	-	-	-	1	-	-	-	-	8	-	2	12	
alfields - - E. & N.	26,681	17	8	7	-	-	-	-	-	-	-	1	-	-	4	-	-	-	
End New Town* WH - E.	51,995	31	63	22	6	-	-	-	1	-	-	2	-	-	2	9	10	53	
iman's Fields* - - E.		13	9	7	2	-	-	-	-	-	-	-	-	-	2	-	-	-	
George's North - - E.	39,576	36	18	11	-	-	-	-	-	1	-	-	-	-	2	-	-	-	
ohn, St. George East W E.	7,930	4	10	6	2	-	1	-	-	-	-	-	-	-	1	-	5	-	
dwell H - - E. & N.	10,434	2	11	7	-	-	-	-	-	-	-	-	-	-	4	-	-	10	
liff W - - E.	14,954	5	6	5	-	-	-	-	-	-	-	-	-	-	5	-	-	-	
ehouse - - E.	32,917	19	16	11	1	-	2	-	-	-	-	-	-	-	2	2	3	-	
End Old Town West H E.	111,060	49	30	17	3	-	-	-	-	2	-	-	-	-	6	-	5	-	
End Old Town East } Www		41	24	15	4	-	-	-	-	-	-	-	-	-	7	-	-	4	
y I - - E.	41,687	29	19	11	-	-	-	-	-	1	-	-	-	-	5	4	5	1	
mley wwwH - - E.	69,821	44	56	25	9	-	2	-	1	2	-	-	-	-	17	3	5	13	
lar WW - - E.	57,759	47	30	13	4	-	-	-	1	1	-	-	-	-	9	3	5	1	

† Population in 1891, not included in the total population of the Central Districts or of London.  
Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 5th August, 1899—continued.

REGISTRATION SUB-DISTRICTS		Enu- mer- ated Popu- lation, 1896.	Total Births.	Total Deaths.	The DEATHS registered during the Week include														
					Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from												Inquest Cases.
							Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.			
SOUTH DISTRICTS.																			
Christchurch Southwark	WHL & S.	13,064	7	7	4	1	-	-	-	-	1	-	-	-	-	-	-		
St. Saviour Southwark	- S.	12,301	8	7	4	-	-	-	-	-	-	-	-	-	3	-	-		
Kent-road	- S. & L.	22,879	14	12	8	-	-	-	-	-	-	-	-	-	-	-	12		
Borough-road	WH - S. & L.	16,083	12	14	5	-	-	-	4	-	-	-	-	-	5	-	-		
London-road	HL - L. & S.	21,316	16	10	3	2	-	-	-	-	-	-	-	-	-	-	-		
Trinity Newington	- S. & L.	28,723	13	15	8	1	-	-	12	-	-	-	-	-	3	-	-		
St. Peter Walworth	W - S. & L.	62,045	47	30	16	2	-	-	12	-	2	-	-	-	3	-	1		
St. Mary Newington	- L. & S.	30,171	15	15	8	2	-	-	1	-	1	-	-	-	4	-	-		
St. Olave	WH - - - S.	11,731	8	27	6	1	-	-	12	-	1	-	-	-	12	2	2		
Bermondsey	W - - - S.	85,475	66	46	27	2	-	-	3	-	-	1	-	-	12	2	3		
Rotherhithe	WwH - S. & K.	40,379	21	28	13	2	-	-	-	-	-	-	-	-	3	2	2		
Waterloo-road	HH - L. & S.	28,396	34	18	5	4	-	-	3	-	-	-	-	-	-	1	1		
Lambeth Church 1st	H - L. & S.	18,770	7	32	9	4	-	-	1	-	-	-	-	-	3	4	6		
Lambeth Church 2nd	WW - L. & S.	40,994	39	43	19	9	-	-	-	-	3	-	-	-	9	-	1		
Kennington 1st	H - S. & L.	52,486	22	31	23	2	-	-	15	-	-	-	-	-	8	1	4		
Kennington 2nd	- S. & L.	43,244	21	11	3	3	-	-	-	-	-	-	-	-	2	2	-		
Brixton	w - L. & S.	81,825	38	37	15	7	-	-	4	-	2	-	1	-	6	2	3		
Norwood	WH - - L.	29,318	11	2	1	-	-	-	-	-	-	-	-	-	1	1	1		
East Battersea	- - - S.	71,730	39	47	34	2	-	-	-	-	1	-	-	-	18	1	6		
West Battersea	WwH - - S.	93,385	51	32	12	13	-	-	-	1	-	1	-	-	3	-	3		
Clapham	H - - S.	46,953	18	14	6	1	-	-	1	-	-	-	-	-	3	-	-		
Wandsworth	WHHL - - S.	58,101	42	16	8	1	-	-	1	-	-	-	-	-	6	-	-		
Putney	- - S.	20,566	13	6	3	-	-	-	-	-	-	-	-	-	2	1	2		
Streatham	WwwwL - - L.	61,644	40	11	3	4	-	-	-	-	2	-	-	-	-	1	2		
Dulwich	- - - L. & S.	7,519	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
Camberwell	Wwll - S. & L.	90,286	50	49	20	7	-	-	-	-	-	-	-	-	11	1	2		
Peckham	WW - S., L., & K.	88,242	55	30	17	6	-	-	1	-	-	-	-	-	9	-	1		
St. George Camberwell	- L. & S.	67,029	37	31	19	3	-	-	1	-	-	-	-	-	9	-	1		
Deptford North	- - - K.	36,152	21	30	20	3	-	4	-	-	1	-	-	-	14	-	-		
Deptford Central	w - - K.	45,441	29	25	14	2	-	-	-	-	4	-	-	-	9	-	-		
Deptford South	- - - K.	33,402	15	9	5	3	-	-	-	-	1	-	-	-	2	-	1		
Greenwich West	H - - K.	23,012	13	5	4	-	-	1	-	-	-	-	-	-	1	-	-		
Greenwich East	WH - - K.	37,767	26	11	2	6	-	-	-	-	-	-	-	-	1	-	-		
Eltham	wH - - - K.	5,911	4	4	2	1	-	-	-	-	-	-	-	-	1	-	-		
Lee	H - - - K.	24,222	10	6	2	3	-	1	-	-	-	-	-	-	-	-	-		
Lewisham	WwH - - - K.	38,139	39	24	9	6	-	-	-	-	2	-	-	-	6	-	10		
Sydenham	H - - - L.	37,601	16	15	7	1	-	-	-	-	-	-	-	-	3	1	1		
Charlton	wHH - - - K.	15,928	10	14	5	1	-	1	-	-	4	-	-	-	2	1	7		
Woolwich Dockyard	- - - K.	19,355	7	7	5	1	-	-	-	-	-	-	-	-	3	-	-		
Woolwich Arsenal	HHHH - K.	21,959	12	9	3	1	-	-	-	1	-	-	-	-	1	2	1		
Plumstead West	H - - K.	16,714	7	1	1	1	-	-	-	-	-	-	-	-	1	-	-		
Plumstead East	WH - - K.	42,538	26	23	10	1	-	-	-	1	2	-	-	-	4	1	5		
Banstead Asylum	- - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Caterham Asylum	- - - -	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2		
Cane Hill Asylum	- - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hospital Ships and Camp, Dartford	- - - -	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1		
Darenth Asylum	- - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
London County Asylum, Dartford	- - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Heath	- - - -	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1		
Hanwell Asylum	- - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Colney Hatch Asylum	- - - -	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	5		
N.E. Hospital	- - - -	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	2		
Winchmore Hill Hospital	- - - -	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1		
Leavesden Asylum	- - - -	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1		
Claybury Asylum	- - - -	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	6		
London County Lunatic Asylum, Horton.	- - - -	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	5		



**E. 6.—LONDON.—OUTER RING** (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 5th August, 1899.

REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include														
					Deaths of		Deaths from												
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.		
LONDON—OUTER RING	368,749	1,422,063	1129	759	428	96	-	11	2	14	12	3	220	23	41	52	2		
Carshalton WHH	12,228	26,108	12	4	1	-	-	-	-	-	-	-	1	-	-	-	-		
Epsom, part of* WwHH	10,423	12,508	2	4	1	-	-	-	1	-	-	-	-	-	-	1	-		
Godstone, part of* W	2,764	1,598	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Croydon WwHHH	20,851	128,699	77	37	22	5	-	-	-	1	2	-	12	2	4	4	-		
Mitcham w	11,697	23,072	14	6	3	-	-	-	-	-	1	-	3	1	1	-	-		
Wimbledon HHH	3,220	25,777	12	11	4	2	-	-	-	-	-	-	2	-	-	1	-		
Kingston WH	-	33,566	17	11	4	2	-	-	-	-	-	-	1	-	-	-	-		
Surbiton H	14,672	12,178	5	7	2	2	-	-	-	-	-	-	-	-	-	2	-		
Esher, part of* HH	-	11,080	10	4	-	1	-	-	-	-	-	-	-	-	3	-	-		
Hampton HL	4,565	18,252	12	5	-	2	-	-	-	-	-	-	2	1	1	-	-		
Richmond WH	2,160	25,389	9	9	2	2	-	-	-	-	-	-	2	1	1	1	-		
Mortlake H	2,823	16,159	12	6	2	1	-	-	-	-	-	-	2	1	2	-	-		
Bromley HHH	9,127	23,815	15	5	2	1	-	-	-	-	-	-	1	-	-	1	-		
Beckenham H	8,542	21,969	12	9	2	2	-	-	-	-	-	-	-	-	-	-	-		
Chislehurst, part of* WHH	14,307	20,372	19	8	2	4	-	-	-	-	-	-	-	-	-	4	-		
Bexley HHH	12,540	30,590	18	15	3	1	-	-	-	2	2	-	1	1	1	-	-		
Dartford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Sunbury w	11,054	13,671	17	7	3	1	-	-	-	-	-	-	3	2	2	-	-		
Staines WH	13,277	13,221	4	7	4	-	-	-	-	-	-	-	-	-	1	-	-		
Hillingdon WHH	6,035	12,237	5	4	1	2	-	-	-	-	-	-	1	-	-	-	-		
Uxbridge	12,757	7,253	8	4	1	1	-	-	-	-	-	-	1	-	-	-	-		
Hayes WH	7,952	11,051	7	6	5	-	-	-	-	-	-	-	2	-	-	-	-		
Isleworth WHH	6,967	26,004	24	18	9	5	-	-	-	-	-	-	4	-	-	4	-		
Twickenham HH	2,415	16,027	10	2	1	1	-	-	-	-	-	-	1	-	-	-	-		
Brentford HHHH	4,318	37,777	25	10	7	1	-	-	-	-	-	-	3	1	1	-	-		
Chiswick	1,245	21,963	22	20	11	5	-	-	-	-	-	-	10	-	1	-	-		
Acton WHH	6,132	30,945	24	22	12	3	-	1	1	1	-	-	7	1	1	1	-		
Harrow HHH	13,809	15,715	13	6	6	-	-	-	-	-	-	-	1	-	-	-	-		
Edgware HH	6,994	3,844	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Willesden HHH	4,333	61,265	68	50	28	10	-	3	-	1	1	1	9	1	2	1	-		
Hendon WH	6,382	15,843	18	17	9	3	-	1	-	-	-	-	3	2	3	5	-		
South Mimms HH	-	6,367	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Barnet WHH	21,077	14,152	5	2	-	1	-	-	-	-	-	-	-	-	-	1	-		
Finchley HHH	4,688	25,820	16	3	2	-	-	-	-	-	-	-	1	1	1	-	-		
Hornsey HH	3,039	61,097	43	23	11	4	-	1	-	-	-	-	7	-	3	-	-		
Tottenham HH	4,642	97,174	86	69	43	6	-	-	-	1	-	-	25	1	3	1	-		
Edmonton WwW	7,489	36,351	38	27	18	1	-	1	-	-	-	-	10	-	-	3	-		
Enfield WWHH	12,602	31,536	27	10	8	-	-	-	-	1	-	-	3	-	-	-	-		
Waltham Abbey	11,017	6,066	13	3	2	-	-	-	-	-	-	-	1	-	-	-	-		
Cheshunt H	8,480	9,620	8	7	3	-	-	-	-	-	-	-	-	-	-	-	-		
Hatfield, part of* W	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bushey H	9,331	7,737	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
Watford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Stratford H	-	38,612	29	26	19	1	-	-	-	1	1	-	14	1	1	1	1		
Plaistow WHHH	-	59,030	68	58	44	2	-	-	-	3	1	1	21	-	-	6	-		
Canning Town H	4,706	54,750	51	50	33	2	-	1	-	1	2	-	16	3	4	-	1		
Forest Gate w	-	53,511	24	17	11	3	-	-	-	-	-	-	5	-	-	-	-		
East Ham WHH	3,266	32,713	66	42	30	1	-	-	-	1	1	1	20	1	1	-	-		
Leyton WWWh	4,334	70,188	47	49	23	12	-	-	1	-	-	-	10	-	-	15	-		
Walthamstow HHL	6,501	57,330	60	34	21	3	-	2	-	1	1	-	8	1	1	-	-		
Chigwell, part of* HHHH	11,779	12,941	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
Epping WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Romford, part of* WH	6,556	4,324	4	1	1	-	-	-	-	-	-	-	1	-	-	-	-		
Ilford	8,493	10,913	26	10	6	1	-	-	-	-	-	-	2	-	-	-	-		
Barking Town, H	3,814	14,301	8	9	5	-	-	-	-	-	-	-	4	1	2	-	-		

parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warringham and Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in old sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for various Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 5th August, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE OF MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include									
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from							
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10	11.	12.	13.	14.	15
GREATER LONDON	443,421	6,528,434	23·6	7·1	2959	1477	398	—	71	8	53	39	16	697	11
INNER LONDON -	74,672	4,546,752	25·2	7·2	2200	1049	302	—	60	6	44	27	13	477	91
OUTER RING -	368,749	1,981,682	20·0	6·9	759	428	96	—	11	2	14	12	3	220	23

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	
EDINBURGH -	298,927	Aug.	5	163	107	18·7	—	—	—	—	1	—
GLASGOW -	733,903	"	5	451	289	20·5	—	8	3	1	4	6
DUBLIN -	349,594	"	5	194	223	33·3	—	18	—	—	4	3
CALCUTTA -	466,460	June	24	—	182	20·3	—	—	—	1	1	60†
BOMBAY -	821,764	July	11	185	516	32·7	10	13	?	?	?	102†
MADRAS -	452,518	June	23	344	283	32·5	—	6	?	?	?	60
PARIS -	2,511,629	July	29	1183	948	19·6	—	29	6	3*	12	15
BRUSSELS -	551,011	"	29	263	182	16·8	—	1	1	1*	—	3
AMSTERDAM -	517,595	"	22	315	161	16·2	—	—	—	—	3	1
ROTTERDAM -	315,305	"	22	216	126	20·8	—	—	—	1	2	2
THE HAGUE -	199,285	"	22	102	58	15·1	—	—	—	—	1	—
COPENHAGEN -	345,000	"	29	—	—	—	—	—	—	—	—	—
STOCKHOLM -	291,580	"	22	139	141	25·1	—	1	3	9*	1	1
CHRISTIANIA -	221,073	"	29	99	93	28·9	—	—	1	1	1	—
ST. PETERSBURG	1,132,677	"	22	586	630	29·0	—	18	5	12	5	17
MOSCOW -	988,610	"	22	—	811	42·8	4	9	4	6	1	5
BERLIN -	1,818,517	"	15	952	658	18·9	—	21	16	13	10	—
HAMBURG -	675,351	"	29	—	296	22·8	—	—	—	—	1	—
DRESDEN -	394,300	"	8	251	119	15·7	—	—	—	1*	2	—
BRESLAU -	406,012	"	29	—	251	32·2	—	2	1	1	—	—
MUNICH -	445,000	"	22	290	198	23·1	—	—	2	—	3	—
VIENNA -	1,623,134	"	29	935	661	21·2	—	15	5	1*	5	1
PRAGUE -	384,622	"	29	187	150	20·3	—	4	2	—	4	1
BUDA-PESTH -	666,722	"	22	450	242	18·9	—	2	6	2	—	2
TRIESTE -	166,599	"	15	110	95	29·6	—	—	3	—	2	—
ROME -	505,850	"	8	186	144	14·8	—	—	—	—	—	1§
TURIN (10 days)	344,203	June	20	187	168	17·8	—	—	—	2	2	1
VENICE -	171,023	July	22	78	66	20·1	—	—	—	—	—	5
CAIRO -	570,062	—	—	—	—	—	—	—	—	—	—	—
ALEXANDRIA -	319,766	—	—	—	—	—	—	—	—	—	—	—
NEW YORK (including BROOKLYN)	3,550,053	July	8	1349	1607	23·6	1	13	7	42	10	10
PHILADELPHIA -	1,266,892	"	15	—	482	19·8	—	—	2	18	9	9

\* Including deaths from croup.

† Including 3 deaths from plague in Calcutta and 62 in Bombay.

‡ Including 1 death from cholera in Calcutta and 1 in Bombay.

§ Malarial fever.



1899.			TEMPERATURE.										Wind as deduced from Anemometers.										Rain collected in a cistern whose surface is 50 inches above the ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
MONTH AND DAY	Phases of the Moon.	MEAN. Mean daily reading (corrected to 32° Fahr-ent).	Of the Air.				Difference between the Air Temperature and Dew Point Temperature.				Of Radiation.				General Direction.				Oiler's.				Robertson's.				Horizontal distance from the Air Average of Day.	Depart-ure from the Air Average of Day.	Miles. in 000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			High-est.	Low-est.	Daily Range.	Mean Daily Average value.	Dew- point from Average value, 50 years.	Mean daily value.	Great- est.	Least.	Highest in Sun's Rays.	Lowest on the Grass.	Of the Earth 3 feet below Surface.	A.M.	P.M.	Great- est.	Least.	Mean of 24 hours on each Day.	Miles. 207	Miles. - 32																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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DATE.	ELECTRICITY. (For explanation of symbols, see Note.)	Registered Sun above horizon, in hours.	Registered Shade in hours.	GENERAL REMARKS.
SUNDAY - 30	w. P. generally -	14 <sup>2</sup>	15 <sup>5</sup>	Cloudy till 2h. A.M.; very fine with small amounts of cloud afterwards. Very warm.
MONDAY - 31	w. P. throughout -	11 <sup>5</sup>	15 <sup>4</sup>	Cloudy with fog in early morning; very fine and cloudless with slight exceptions afterwards.
TUESDAY - 1	w. P. throughout -	12 <sup>1</sup>	15 <sup>4</sup>	Very fine. Cloudless with slight exceptions throughout.
WEDNESDAY - 2	w. P. throughout -	10 <sup>7</sup>	15 <sup>3</sup>	Very fine. Partially cloudy. Bright solar halo.
THURSDAY - 3	w. P. throughout -	12 <sup>0</sup>	15 <sup>2</sup>	Very fine with small amounts of cloud till evening; overcast at night. Solar halo in forenoon.
FRIDAY - 4	w. P. throughout -	9 <sup>3</sup>	15 <sup>2</sup>	Overcast in morning; fine with small amounts of cloud generally during the day. Solar halo in forenoon.
SATURDAY - 5	w. P. till 8h. P.M.; s. N. and s. P. after- wards.	9 <sup>9</sup>	15 <sup>1</sup>	Cloudy throughout the early morning hours; fine with small amounts of cloud till evening; overcast afterwards. A thunder- storm at night.
		Sum 79 <sup>7</sup>	Sum 107 <sup>1</sup>	
No. of Col. -	27	28	29	

The results apply to the civil day or from midnight to midnight.  
The height of the cistern of the barometer is 150 feet above the sea level; no correction has been applied to the readings to reduce to sea level.  
Observations are usually taken at 9h. A.M.; noon; 3h. P.M. and 9h. P.M. The mean of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from admisson of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875. In reading columns 9 and 24 it will be borne in mind that "higher," and "lower," than the average, are not corrected for the index error of the thermometer, which cannot be determined.  
The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.  
The numbers in column 28 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.  
The reading of the barometer increased from 30.04 in. at the beginning of the week to 30.29 in. by 9h. P.M. on July 31st; decreased to 29.79 in. by 3h. P.M. on August the 1st; increased to 29.86 in. by 9h. P.M. on the 5th; and decreased to 29.73 in. by the end of the week.

GENERAL REMARKS.

Cloudy till 2h. A.M.; very fine with small amounts of cloud afterwards. Very warm.  
Cloudy with fog in early morning; very fine and cloudless with slight exceptions afterwards.  
Very fine. Cloudless with slight exceptions throughout.  
Very fine. Partially cloudy. Bright solar halo.  
Very fine with small amounts of cloud till evening; overcast at night. Solar halo in forenoon.  
Overcast in morning; fine with small amounts of cloud generally during the day. Solar halo in forenoon.  
Cloudy throughout the early morning hours; fine with small amounts of cloud till evening; overcast afterwards. A thunderstorm at night.

DATE.		ELECTRICITY. (For explanation of symbols, see Note.)		Registered Station in hours.		Sun above horizon, in hours.	
JULY.							
SUNDAY	- 30	w. P. generally	-	14.2	15.5		
MONDAY	- 31	w. P. throughout	-	11.5	15.4		
AUGUST.							
TUESDAY	- 1	w. P. throughout	-	12.1	15.4		
WEDNESDAY	- 2	w. P. throughout	-	10.7	15.3		
THURSDAY	- 3	w. P. throughout	-	12.0	15.2		
FRIDAY	- 4	w. P. throughout	-	9.3	15.2		
SATURDAY	- 5	w. P. till 8h. p.m.; s. N. and s. P. alter- wards.		9.9	15.1		
				Sum 78.7	Sum 107.1		
No. of Col. -	-	27		28	29		

The results apply to the civil day or from midnight to midnight.  
The height of the cistern of the barometer is 150 feet above the sea level; no correction has been applied to the readings to reduce to sea level.  
Observations are usually taken at 9h. A.M.; noon; 3h. P.M. and 9h. P.M. The mean of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from admisson of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875. In reading columns 9 and 24 it will be borne in mind that "higher," and "lower," than the average, are not corrected for the index error of the thermometer, which cannot be determined.  
The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.  
The numbers in column 28 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.  
The reading of the barometer increased from 30.04 in. at the beginning of the week to 30.29 in. by 9h. P.M. on July 31st; decreased to 29.79 in. by 3h. P.M. on August the 1st; increased to 29.86 in. by 9h. P.M. on the 5th; and decreased to 29.73 in. by the end of the week.



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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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General Register Office, Somerset House,  
August 14th, 1899.

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 24·3 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending—				TOWNS.	Weeks ending			
	July 22.	July 29.	Aug. 5.	Aug. 12.		July 22.	July 29.	Aug. 5.	Aug. 12.
33 Great Towns	18·4	20·7	24·6	24·3	Leicester	12·9	14·4	23·7	20·0
Birkenhead	23·1	21·3	19·5	18·6	Liverpool	26·6	29·7	31·5	33·6
Birmingham	21·1	21·1	24·6	27·0	London	18·2	21·6	25·2	23·7
Blackburn	17·4	13·1	13·9	14·7	Manchester	22·0	24·1	29·0	32·3
Bolton	16·1	17·4	18·0	19·6	Newcastle-on-Tyne	16·2	14·8	27·6	22·4
Bradford	16·1	16·3	18·8	20·1	Norwich	14·3	15·2	20·7	23·9
Brighton	7·6	16·9	16·1	23·3	Nottingham	19·2	20·9	28·1	28·1
Bristol	14·1	13·6	21·0	17·1	Oldham	15·2	17·3	16·3	21·8
Burnley	10·6	18·4	30·0	26·3	Plymouth	22·8	22·3	32·6	36·3
Cardiff	14·0	11·5	16·3	19·4	Portsmouth	16·9	19·7	28·2	27·9
Croydon	13·5	13·9	12·7	19·2	Preston	13·7	19·5	15·5	24·8
Derby	12·7	16·2	12·7	21·1	Salford	29·4	25·3	29·6	28·4
Gateshead	21·0	13·7	12·7	21·0	Sheffield	26·7	27·6	37·4	30·3
Halifax	17·6	15·5	15·5	16·0	Sunderland	12·5	17·2	18·6	17·5
Huddersfield	10·6	13·1	19·2	13·6	Swansea	14·1	13·6	21·1	17·6
Hull	13·6	18·7	18·3	21·4	West Ham	14·6	25·2	27·4	28·7
Leeds	20·4	21·2	24·5	21·3	Wolverhampton	11·7	12·9	20·5	19·4

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Oldham, 1·1 in Halifax, 1·2 in Liverpool, 2·6 in Sheffield, and 2·8 in Burnley; from *whooping-cough*, 1·0 in West Ham; from "*fever*," 1·2 in Wolverhampton; and from *diarrhœa*, 5·2 in Leeds, 5·3 in London and in Hull, 5·4 in Derby, 5·7 in Croydon, 5·8 in Bristol, 6·1 in Leicester, 6·4 in Norwich, 6·5 in Sheffield, 6·8 in Birmingham, 7·0 in Nottingham, 8·3 in Burnley, 8·4 in Manchester, 8·7 in Bolton, 9·3 in Liverpool, 9·8 in Plymouth, 10·4 in Portsmouth, 11·1 in West Ham, and 11·2 in Salford. In none of the thirty-three towns did the death-rate from "*scarlet fever*" reach 1·0 per 1000. The 71 deaths from *diphtheria* included 26 in London, 8 in West Ham, 8 in Sheffield, 6 in Leeds, 3 in Leicester, 3 in Salford, and 3 in Blackburn. One death from *small-pox* was registered in Hull, but not one in any other of the thirty-three towns.

#### LONDON.

In LONDON† 2214 BIRTHS and 2068 DEATHS were registered. Allowing for increase of population, the births were 366 below, and the deaths 334

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7 added to the Outer Ring, or to other areas to which they belong.

above, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 18·2, 21·6, and 25·2 in the preceding three weeks, fell again last week to 23·7. During the four weeks ending on Saturday last the death-rate averaged 22·2 per 1000, being 2·1 per 1000 above the mean rate in the corresponding periods of the ten years 1889–98.

The 2068 deaths included 54 from measles, 8 from scarlet fever, 26 from diphtheria, 16 from whooping-cough, 12 from enteric fever, 463 from diarrhoea and dysentery, 21 from cholera and choleraic diarrhoea, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 600 deaths were referred to these diseases, being 183 above the corrected average weekly number.

The deaths from *measles*, which had been 46, 56, and 60 in the preceding three weeks, fell again last week to 54, but were 9 above the corrected average; 10 cases belonged to Newington, 8 to Bermondsey, and 7 to Greenwich sanitary areas. The deaths from *scarlet fever*, which had been 8, 5, and 6 in the preceding three weeks, rose again last week to 8, but were 9 below the corrected average. The deaths from *diphtheria*, which had been 42, 35, and 44 in the preceding three weeks, fell again last week to 26, and were 17 below the corrected average; 4 cases belonged to Islington and 4 to St. George Southwark sanitary areas. The deaths from *whooping-cough*, which had been 20, 19, and 27 in the preceding three weeks, fell again last week to 16, and were 17 below the corrected average. The fatal cases of *enteric fever*, which had been 8, 13, and 13 in the preceding three weeks, were 12 last week, the corrected average being 9; 3 cases belonged to Islington and 2 to Greenwich sanitary areas. The deaths from *diarrhoea*, which had been 185, 350, and 477 in the preceding three weeks, fell again last week to 463, but were 203 above the corrected average. Of the 463 deaths from diarrhoea, 446 were of children under 5 years of age; 225 more deaths in this age-group were described as due to *gastro-enteritis*, which appears as a separate heading in Table 4. The deaths referred to diseases of the respiratory organs, which had been 149, 169, and 157 in the preceding three weeks, rose again last week to 163, but were 10 below the corrected average. The deaths attributed directly to *influenza* numbered 3, having been 11, 11 and 2 in the preceding three weeks.

Different forms of violence caused 72 deaths, concerning all but 7 of which inquests were held. Of these 72 deaths, 14 were cases of suicide, while the remaining 58 were attributed to accident or negligence. Nine of these were referred to vehicles in the streets, 10 to drowning, 12 to sunstroke, and 5 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2674 cases of scarlet fever, 1519 of diphtheria, and 183 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 227 cases, against 292, 307, and 297; of diphtheria, 148 cases, against 224, 265, and 216; and of enteric fever, 42 cases, against 23, 46, and 50.

#### GREATER LONDON.

In Greater London 3195 births and 2912 deaths were registered, corresponding to annual rates of 25·5 and 23·3 per 1000 of the estimated population. In the Outer Ring 8 deaths from measles, 1 from scarlet fever, 18 from diphtheria, 16 from whooping-cough, 3 from “fever,” and 280 from diarrhoea were registered. Nine deaths from diphtheria and 107 from diarrhoea occurred in West Ham district; 44 deaths from diarrhoea occurred in Edmonton district, and 3 deaths from diphtheria in Bromley district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·95 inches, and that of the Thermometer 63°·8; the latter being 1·3 above the week's average in the 50 years 1841–90. The direction of the wind was north easterly, the horizontal movement of the air being 17 per cent. below the week's average in the 16 years 1860–75. The duration of registered bright sunshine in the week was 54·9 hours; the measured rainfall amounted to 0·02 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases, the diagnosis is found after sojourn in the Hospital to have been erroneous.



CITIES AND BOROUGHES.	POPULATION estimated to the middle of the year 1895.*	Registered during the week ending 15th August 1895.			Deaths of		Deaths from								Deaths in Public Institutions.		Causes of Death.		TEMPERATURE OF THE AIR.				RAINFALL.		CITIES AND BOROUGHES.	
		BIRTHS.	DEATHS.	1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.		Deaths in Public Institutions.	Unclassified Causes of Death.	From All Causes.	From Diseases 6-12.	Highest.	Lowest.	Mean.		In Inches.		In Cent.
														Fahrenheit.	Centigrade.							Fahrenheit.				
Cos.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cos.	
33 TOWNS	11,404,408	5778	5320	2623	707	1	127	22	71	53	24	1295	171	318	831	62	243	73	88.8	45.0	61.2	16.22	0.14	0.33	33 TOWNS.	
LONDON	4,546,752	2214	2068	1015	285	-	54	8	26	16	12	463	72	151	451	6	237	66	76.4	51.2	63.8	17.67	0.02	0.05	LONDON.	
WEST HAM	300,241	138	165	100	13	-	1	-	8	6	1	64	4	6	12	-	287	13.9	-	-	-	-	-	-	WEST HAM.	
CROYDON	127,759	54	65	24	9	-	-	-	-	1	-	14	1	3	12	-	19.2	61	77.5	50.5	63.6	17.56	0.07	0.18	CROYDON.	
BRIGHTON	123,226	58	55	23	16	-	-	-	1	1	-	11	2	5	4	-	23.3	5.5	88.8	55.0	65.9	18.83	0.06	0.00	BRIGHTON.	
PORTSMOUTH	190,741	99	102	69	7	-	2	-	1	-	-	38	-	2	10	1	27.9	11.2	-	-	-	-	-	-	PORTSMOUTH.	
PLYMOUTH	100,637	47	70	44	10	-	-	-	-	-	-	19	-	1	4	-	36.3	9.8	-	-	-	-	-	-	PLYMOUTH.	
BRISTOL	320,911	141	105	51	17	-	-	-	1	2	-	36	7	11	10	-	17.1	5.8	79.7	50.0	63.0	17.22	0.08	0.24	BRISTOL.	
CARDEFF	185,826	80	69	35	9	-	-	-	2	-	-	14	2	6	9	-	19.4	4.8	-	-	-	-	-	-	CARDEFF.	
SWANSEA	103,722	47	35	11	9	-	1	-	-	-	-	7	5	5	1	-	17.6	5.0	-	-	-	-	-	-	SWANSEA.	
WOLVERHAMPTON	88,821	51	33	9	6	-	-	-	-	-	-	2	1	2	4	-	19.4	2.3	76.0	45.0	59.3	15.17	0.08	0.20	WOLVERHAMPTON.	
BIRMINGHAM	514,956	283	267	125	41	-	6	-	-	3	1	67	10	15	49	7	27.0	7.8	-	-	-	-	0.04	0.10	BIRMINGHAM.	
NORWICH	113,266	54	52	29	9	-	-	1	2	1	-	14	2	4	2	-	23.9	8.3	72.2	46.0	59.5	15.28	-	-	NORWICH.	
LEICESTER	213,851	107	82	49	12	-	-	-	3	3	-	25	2	4	5	4	20.0	7.6	-	-	-	-	0.03	0.08	LEICESTER.	
NOTTINGHAM	239,384	129	129	68	13	-	3	1	1	-	1	32	4	5	20	-	28.1	8.3	73.9	45.3	59.4	15.22	-	-	NOTTINGHAM.	
DERBY	106,401	55	43	23	7	-	-	1	-	-	-	11	1	3	3	-	21.1	5.9	-	-	-	-	-	-	DERBY.	
BIRKENHEAD	115,162	46	41	23	4	-	-	-	-	-	-	3	1	2	3	1	18.6	1.4	-	-	-	-	-	-	BIRKENHEAD.	
LIVERPOOL	634,212	354	409	198	45	-	14	1	2	9	-	113	11	20	66	18	33.6	11.4	73.3	50.1	59.9	15.50	0.07	0.18	LIVERPOOL.	
BOLTON	162,221	79	61	32	10	-	-	-	-	-	-	27	1	2	5	-	19.6	8.7	-	-	-	-	-	-	BOLTON.	
MANCHESTER	543,062	327	337	157	46	-	9	-	1	4	-	88	11	16	51	4	32.3	9.8	-	-	-	-	-	-	MANCHESTER.	
SALFORD	218,244	119	119	66	7	-	-	-	1	1	1	47	2	5	11	1	28.4	13.4	-	-	-	-	-	-	SALFORD.	
OLDHAM	150,772	66	63	19	9	-	3	-	1	-	1	8	3	3	6	-	21.8	4.5	-	-	-	-	-	-	OLDHAM.	
BURNLEY	113,081	50	57	35	3	-	6	1	-	-	-	18	2	2	5	-	26.3	11.5	-	-	-	-	-	-	BURNLEY.	
BLACKBURN	135,154	61	38	8	9	-	-	-	3	1	-	1	2	4	2	1	14.7	1.9	-	-	-	-	-	-	BLACKBURN.	
PRESTON	117,622	74	56	27	7	-	-	-	1	-	-	11	2	4	4	1	24.8	5.3	-	-	-	-	-	-	PRESTON.	
HUDDERSFIELD	103,464	35	27	7	4	-	-	-	-	-	-	1	1	1	2	1	13.6	1.0	77.0	47.2	58.4	14.67	0.04	0.10	HUDDERSFIELD.	
HALIFAX	97,721	54	30	11	6	-	2	-	-	-	-	4	-	-	6	-	16.0	3.2	-	-	-	-	-	-	HALIFAX.	
BRADFORD	236,241	102	91	44	13	-	1	1	-	1	-	20	3	3	12	1	20.1	5.1	75.2	50.2	59.0	15.00	0.20	0.51	BRADFORD.	
LEEDS	423,880	216	173	77	24	-	4	1	6	1	1	42	2	7	11	-	21.3	6.8	-	-	-	-	-	-	LEEDS.	
SHEFFIELD	361,169	201	210	102	23	-	18	2	8	-	2	45	6	6	19	7	30.3	10.8	-	-	-	-	-	-	SHEFFIELD.	
HULL	234,270	147	96	49	14	1	1	1	1	1	1	24	4	6	11	2	21.4	6.5	-	-	-	-	-	-	HULL.	
SUNDERLAND	145,013	84	49	18	6	-	1	1	-	1	1	5	2	4	4	6	17.5	3.2	-	-	-	-	-	-	SUNDERLAND.	
GATESHEAD	106,852	65	43	23	3	-	1	-	1	-	1	10	-	1	1	-	21.0	5.9	-	-	-	-	-	-	GATESHEAD.	
NEWCASTLE	228,625	141	98	52	11	-	-	-	1	-	3	11	5	9	14	2	22.4	3.4	-	-	-	-	-	-	NEWCASTLE.	

\* See note \* on first page of this return.

TABLE 2. LONDON.—Births and Deaths Registered in the THIRTY-SECOND Week of each of the Eleven Years, 1889–99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889–98.*	1899
<b>TOTAL Births</b>	2180	2175	2721	2755	2320	2200	2340	2291	2728	2807	2579·5	2214
Males - -	1129	1088	1410	1413	1184	1078	1216	1145	1385	1391	1309·8	1139
Females - -	1051	1077	1311	1342	1136	1122	1124	1146	1343	1416	1269·7	1075
<b>TOTAL Deaths -</b>	1366	1594	1627	1421	1617	1450	1601	1790	2246	1772	1734·3	2068
Males - -	710	833	849	730	822	747	870	972	1187	932	910·3	1130
Females - -	656	761	778	691	795	703	731	818	1059	840	824·0	938

\*The numbers in this column are the average weekly numbers in the thirty-second week of the ten years 1889–98, raised by 5·213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	May 20.	May 27.	June 3.	June 10.	June 17.	June 24.	July 1.	July 8.	July 15.	July 22.	July 29.	Aug. 5.	Aug. 12.
<b>TOTAL Births</b> - -	2598	2306	2678	2445	2571	2422	2441	2484	2351	2444	2494	2577	2214
<b>TOTAL Deaths</b> - -	1419	1363	1483	1365	1316	1355	1297	1310	1387	1539	1881	2200	1063
<b>Deaths from—</b> Under 1 year - - 1–5 years - - 5–20 " - - 20–40 " - - 40–60 " - - 60–80 " - - 80 years and upwards	277 170 77 219 314 297 65	296 174 73 166 295 289 73	281 168 92 211 351 310 70	281 173 79 197 264 269 57	299 173 71 171 290 260 52	272 199 181 215 270 254 45	264 156 91 212 287 240 60	299 184 86 157 255 270 59	367 175 82 171 271 254 51	556 201 85 151 279 254 63	805 223 88 161 269 264 64	1049 237 99 161 310 238 64	1015 242 74 163 289 214 41
Deaths from— Small pox - - Measles - - Scarlet Fever - - Diphtheria - - Whooping-cough - - Typhus - - Enteric Fever - - Simple Continued Fever - - Diarrhoea and Dysentery .. Cholera - -	- 51 24 39 - - 6 - 12 -	- 61 23 34 - - 4 - 10 -	- 67 4 24 33 - 6 - 13 -	1 93 5 28 35 - 7 - 12 -	- 64 7 35 27 - 6 - 12 -	- 65 4 28 35 - 6 - 9 1	- 51 11 25 26 - 11 7 20 -	- 50 12 31 27 - 7 - 28 -	1 48 4 37 26 - 6 8 75 2	- 46 8 42 20 - 8 13 185 7	- 56 5 35 19 - 13 477 350 12	- 60 6 44 27 - 13 463 477 21	- 54 8 26 16 - 12 463 463 21
All the above Diseases -	141	137	147	173	159	148	144	155	199	316	490	648	600
Dis. of Respiratory System -	257	256	240	216	207	190	159	194	176	149	169	157	263
Phthisis - -	169	141	165	141	133	153	153	139	115	116	112	145	134
Dis. of Circulatory System -	138	134	169	110	125	116	124	114	122	116	123	110	96
Violence - -	64	68	66	80	60	86	73	49	67	77	82	91	72
Inquest Cases - -	141	139	152	156	124	162	143	120	128	137	156	161	151
Deaths in Public Institutions -	452	443	529	467	436	460	456	414	454	453	462	521	451
<b>TEMPERATURE OF THE AIR.</b>													
Mean - -	54·4	49·5	58·4	61·1	58·3	60·7	62·3	62·3	66·2	70·2	64·8	67·5	63·8
Mean of Highest readings -	62·7	57·1	70·8	73·3	69·3	69·7	73·1	71·9	77·7	83·2	75·4	78·3	74·6
Mean of Lowest readings -	48·3	43·2	43·6	49·1	45·1	53·7	53·8	54·3	56·9	57·9	55·3	57·3	55·7
Humidity of the Air - -	75	78	60	64	67	73	68	71	67	58	67	69	73
Rain-fall (in inches) - -	0·97	0·66	0·00	0·00	0·00	0·51	0·74	0·13	0·09	0·06	0·97	0·09	0·02
Registered Sunshine (in hours)	33·9	29·3	95·9	72·1	68·0	26·2	43·9	31·4	49·4	71·0	63·6	79·7	54·9
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - -	1	1	1	1	1	2	2	2	2	2	1	1	-
Scarlet Fever - -	2161	2201	2212	2269	2280	2367	2430	2530	2602	2653	2667	2704	2674
Diphtheria - -	1066	1111	1134	1159	1170	1230	1280	1347	1434	1488	1545	1526	1519
Enteric Fever - -	99	102	99	97	98	109	105	94	99	104	131	158	183

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrothesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Bobblyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-SECOND Week of the Year 1899.

[illegible]

The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such causes are classed under "accident".



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered in SUB-DISTRICT during the Week ending Saturday, 12th August, 1899.

The DEATHS registered during the Week include																	
REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from											Inquest Cases.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.		
LONDON -	4,411,710	2,214	2,068	1015	285	-	54	8	26	16	-	12	-	463	72	151	45
WEST DISTRICTS.																	
St. Mary Paddington } G. & W.	90,996	45	38	26	2	-	-	-	-	-	-	-	-	13	-	-	-
WHH - - -																	
St. John Paddington H - - G.	33,510	8	13	1	1	-	-	-	-	-	-	-	-	1	2	3	1
Kensington Town Ww - - W.	122,164	57	58	24	8	-	1	-	-	1	-	-	-	17	-	1	-
Brompton HH - - - W. & C.	48,301	11	12	3	6	-	-	-	-	-	-	-	-	-	2	2	-
North Hammersmith† H } W. & G }	44,638	22	14	9	1	-	-	-	-	1	-	-	-	3	-	1	-
South Hammersmith† H } - - - }	59,561	23	38	19	8	-	-	-	-	-	-	-	-	8	2	3	-
Fulham Ww - - - W. & C.	113,781	76	61	37	5	-	2	-	2	-	-	1	-	19	2	3	-
Chelsea Kensal Town - - C.	21,450	11	8	7	1	-	-	-	-	-	-	-	-	3	-	-	-
Chelsea North WHHHHH - C.	42,057	14	15	3	3	-	-	-	-	-	-	-	-	1	-	-	-
Chelsea South HH - - - C.	33,139	12	24	13	5	-	-	-	-	-	-	-	-	2	1	3	-
May Fair W - - - G.	23,827	4	8	2	3	-	-	-	-	-	-	-	-	-	1	1	-
Belgrave WHHH - - C.	56,140	15	20	7	2	-	-	-	2	-	-	-	-	2	1	1	1
St. John Westminster HH - C.	31,492	10	9	8	1	-	1	-	-	-	-	-	-	2	-	-	-
St. Margaret Westminster H - C.	22,097	8	9	2	1	-	-	-	-	-	-	-	-	2	-	-	-
St. James Westminster } N. & G.	23,050	6	5	1	1	-	-	-	-	-	-	-	-	1	-	-	-
WHH - - -																	
St. Anne Soho HHHHHH - N.	12,048	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																	
All Souls Marylebone } - - W.	36,595	8	20	8	4	-	-	-	-	-	-	-	-	3	-	-	-
HHHHHHHHH - - -																	
Rectory Marylebone W } G. & W.	19,798	8	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary Marylebone } G. & W.	19,637	27	8	5	-	-	-	-	-	1	-	-	-	3	-	-	-
HHHH - - -																	
Christchurch Marylebone H - W	32,547	23	12	7	2	-	-	-	-	-	-	-	-	3	1	1	-
St. John Marylebone HHH - W.	32,611	14	13	10	-	-	-	-	-	-	-	-	-	3	-	-	-
Hampstead } - N. & W.	75,449	22	28	11	6	-	-	1	2	-	-	1	-	6	1	-	-
WvHHHH - - -																	
Regent's Park Pancras HH - W.	37,341	13	6	2	1	-	-	-	-	-	-	-	-	1	-	-	-
Tottenham-court } - N. & W.	28,757	10	10	5	2	-	-	-	-	-	-	-	-	5	-	-	-
WvHHHH - - -																	
Gray's Inn Lane HHH - - N.	29,426	12	14	9	-	-	-	-	-	-	-	-	-	3	-	1	-
Somers Town HH - - - N.	32,161	8	18	8	2	-	1	-	-	-	-	-	-	6	-	-	-
Camden Town WH - - - N.	16,669	11	12	1	2	-	-	-	-	-	-	-	-	1	1	1	-
Kentish Town WW - - - N.	98,410	57	40	21	6	-	-	-	-	1	-	-	-	10	-	1	-
Upper Holloway } - - N.	98,273	49	54	17	9	-	4	-	-	1	-	1	-	5	3	5	2
WWvWvHH - - -																	
Islington South-west H - - N.	107,365	60	55	41	1	-	-	-	-	-	-	-	-	20	2	5	-
Islington South-east - - N.	66,549	38	24	10	4	-	-	-	-	1	-	-	-	2	1	2	-
Highbury HH - - - N.	64,577	33	17	9	5	-	-	1	-	-	-	-	-	1	1	1	-
Stoke Newington H - - N.	33,485	19	12	7	3	-	-	-	-	-	-	-	-	4	1	2	-
North Hackney - - - E. & N.																	
Central Hackney ww - - E. & N.																	
South-west Hackney HHH E. & N.																	
South-east Hackney WvH E. & N.																	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other Districts than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. signifying Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth New River; E. East London; and K. the Kent Company.

\* See note on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and re-named North Hammersmith and South Hammersmith, respectively.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 12th August, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation 1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include																Deaths in Public Institutions Unidentified Deaths	Causes of Death.
				Deaths of		Deaths from															
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence	Inquest Cases					
CENTRAL DISTRICTS.																					
George Bloomsbury - - N.	16,110	2	4	4	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-		
Giles South WH - - N.	12,976	14	7	4	1	-	-	-	-	-	-	-	-	1	2	2	3	-	-		
Giles North H - - N.	2,151	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-		
Martin-in-the-Fields HHN. & C.	13,077	4	4	1	1	-	-	-	-	-	-	-	-	-	-	-	3	-	-		
and WHH - - - N.	11,839	5	4	2	-	-	-	-	-	-	-	-	-	1	1	2	1	-	-		
and Union Workhouse, Edmonton	†1,037	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-		
born w HHHHHHHH - - N.	31,042	16	18	9	2	-	1	-	-	-	-	-	-	1	1	1	13	-	-		
James Clerkenwell - - N.	15,777	6	5	3	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-		
well Clerkenwell - - N.	34,356	17	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-	-	-		
well-street - - - N.	16,069	10	6	6	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-		
ty-road HHHH - - - N.	29,697	35	17	10	-	-	-	-	1	-	-	-	-	4	-	1	2	-	-		
itecross-street - - N.	7,595	3	4	3	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-		
sbury - - - N.	4,035	2	2	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-		
born Union Workhouse, } Mitcham - - -	†892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Botolph H - - N. & E.	6,870	2	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
pplegate - - - N.	3,299	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Sepulchre WH - - N.	9,591	1	15	2	5	-	-	-	-	-	-	-	-	-	3	4	12	-	-		
hallow's Barking - - N.	9,059	1	5	1	1	-	-	-	-	-	-	-	-	-	1	1	-	-	-		
oad Street H - - N.	2,892	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ty of London Asylum, Stone - -	†388	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
EAST DISTRICTS.																					
oreditch South HI - - E. & N.	17,975	10	6	4	-	-	-	-	-	-	-	-	-	4	-	-	2	-	-		
orton New Town w - - N.	29,575	18	11	2	3	-	-	-	-	-	-	-	-	2	-	1	2	-	-		
orton Old Town - - N.	27,045	18	10	6	2	-	-	-	-	-	-	-	-	6	-	-	-	-	-		
aggerston WH - - N. & E.	47,163	33	24	14	-	-	-	-	1	-	-	-	-	5	1	5	2	-	-		
ethnal Green North H - - E.	49,301	28	22	13	3	-	1	-	-	-	-	-	-	4	-	3	-	-	-		
ethnal Green South - - E.	34,194	21	11	4	1	-	-	-	-	1	-	-	-	3	-	2	-	-	-		
ethnal Green East WH - - E.	45,667	21	31	13	8	-	-	-	-	-	-	-	-	5	-	2	14	-	-		
italfields - - - E. & N.	26,681	16	7	5	1	-	-	-	-	-	-	-	-	3	-	-	-	-	-		
ile End New Town* WH - - E.	51,995	19	33	8	5	-	-	-	-	1	-	1	-	-	1	7	29	-	-		
oodman's Fields* - - E.		8	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-	-	-		
St. George's North - - E.	39,576	27	19	9	1	-	2	-	-	-	-	-	-	3	-	2	-	-	-		
St. John, St. George East W E.	7,930	3	14	3	2	-	-	-	-	-	-	-	-	-	1	2	8	-	-		
hadwell H - - E. & N.	10,434	6	15	13	-	-	1	-	-	-	-	-	-	6	-	-	9	-	-		
atchiff W - - E.	14,954	7	9	5	2	-	-	-	-	-	-	-	-	4	-	1	-	-	-		
imehouse - - - E.	32,917	15	18	9	3	-	1	-	-	-	-	-	-	6	1	3	-	-	-		
ile End Old Town West H E.	111,060	{	29	17	10	2	-	1	-	2	-	-	-	2	1	2	-	-	-		
ile End Old Town East } WWWW			28	17	9	5	-	-	-	-	-	-	-	8	-	-	3	-	-		
ow 1 - - - E.	41,687	21	12	8	2	-	-	-	-	-	-	-	-	6	-	1	1	-	-		
romley wwwwH - - E.	69,821	55	50	24	8	-	1	-	-	1	-	-	-	10	6	8	12	-	-		
oplar WW - - - E.	57,759	31	33	17	4	-	-	-	1	1	-	-	-	11	1	4	1	-	-		

† Population in 1891, not included in the total population of the Central Districts or of London.

\* Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.

REGISTRATION SUB-DISTRICTS		Enu- merated Popu- lation, 1896.	Total Births.	Total Deaths.	The DEATHS registered during the Week include													Deaths in Public Institutions
					Deaths of Infants under 1 Year of Age.	Persons aged 10 Years and upwards.	Deaths from										Inquest Cases.	
							Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarhoea.	Violence.		
<b>SOUTH DISTRICTS.</b>																		
Christchurch Southwark	WHL & S.	13,064	2	3	1	-	-	1	-	-	-	-	-	-	-	2	-	
St. Saviour Southwark	- S.	12,301	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kent-road	- S. & L.	22,879	11	13	7	12	-	-	-	-	-	-	-	-	-	3	1	
Borough-road	WH - S. & L.	16,083	10	11	9	-	-	-	-	-	-	-	-	-	-	5	3	
London-road	HL - L. & S.	21,316	10	10	7	-	-	-	-	-	-	-	-	-	-	3	1	
Trinity Newington	- S. & L.	28,723	9	19	11	1	-	-	-	-	-	-	-	-	-	2	2	
St. Peter Walworth	W - S. & L.	62,045	32	36	18	2	-	8	-	1	-	1	-	-	-	3	2	
St. Mary Newington	- L. & S.	30,171	14	18	11	2	-	-	-	-	-	-	-	-	-	5	-	
St. Olave	WH - - - S.	11,731	6	17	5	2	-	1	-	-	-	-	-	-	-	1	1	
Bermondsey	W - - - S.	85,475	55	44	31	1	-	7	-	-	-	-	-	-	-	7	2	
Rotherhithe	WwH - S. & K.	40,379	9	11	6	2	-	-	-	-	-	1	-	-	-	4	3	
Waterloo-road	HH - L. & S.	28,396	25	8	6	-	-	-	-	-	-	-	-	-	-	1	-	
Lambeth Church 1st	H - L. & S.	18,770	4	18	2	2	-	-	-	-	-	-	-	-	-	3	3	
Lambeth Church 2nd	WW - L. & S.	40,994	16	31	17	6	-	-	-	-	-	-	-	-	-	8	9	
Kennington 1st	H - S. & L.	52,486	33	23	12	1	-	-	1	-	-	-	-	-	-	1	2	
Kennington 2nd	- S. & L.	43,244	21	16	7	3	-	1	-	-	-	-	-	-	-	4	4	
Brixton	w - L. & S.	81,825	36	28	15	3	-	-	-	3	1	1	-	-	-	1	1	
Norwood	WH - - - L.	29,318	14	8	4	1	-	-	-	-	-	-	-	-	-	3	2	
East Battersea	- - - S.	71,730	32	27	14	3	-	-	-	-	-	-	-	-	-	7	-	
West Battersea	WwH - - - S.	93,385	47	48	24	8	-	-	-	-	-	1	-	-	-	6	18	
Clapham	H - - - S.	46,953	20	17	9	3	-	1	-	-	-	1	-	-	-	5	2	
Wandsworth	WHHL - - - S.	58,101	30	26	14	6	-	-	-	1	-	-	-	-	-	1	1	
Putney	- - - S.	20,566	10	11	6	1	-	-	-	-	-	-	-	-	-	3	2	
Streatham	WwWwL - - - L.	61,644	32	18	11	2	-	-	-	1	1	-	-	-	-	4	1	
Dulwich	- - - L. & S.	7,519	1	58	13	16	-	-	-	-	1	-	-	-	-	-	-	
Camberwell	WwL - - - S. & L.	90,286	44	58	20	5	-	2	-	-	-	1	-	-	-	10	3	
Peckham	WW - S., L., & K.	88,242	46	29</														



TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 12th August, 1899.

The DEATHS registered in the Week include																				
REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	Deaths of			Deaths from										Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.		Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.					
LONDON—OUTER RING	368,749	1,422,063	981	844	485	116	-	8	1	18	16	3	280	20	44	68	9			
Carshalton WHH	12,228	26,108	15	9	7	-	-	-	-	-	-	-	4	-	-	-	-			
Epsom, part of* WwHH	10,423	12,508	6	6	1	4	-	-	-	-	-	-	1	-	-	2	-			
Godstone, part of* W	2,754	1,598	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Croydon WwHHH	20,851	128,699	68	65	34	12	-	-	-	-	1	-	16	1	4	14	-			
Mitcham w	11,697	23,072	5	7	3	-	-	-	-	-	-	-	1	-	-	-	-			
Wimbledon HHH	3,220	25,777	24	17	8	4	-	-	-	1	-	1	2	-	-	1	-			
Kingston WH	14,672	33,566	17	11	2	3	-	-	-	1	-	-	1	-	-	5	-			
Surbiton H		12,178	4	1	-	-	-	-	-	-	-	-	-	1	-	1	-			
Esher, part of* HH		11,080	7	5	-	1	-	-	-	-	-	-	-	-	-	1	-			
Hampton HL		18,252	13	6	1	3	-	-	-	-	-	-	1	-	-	1	-			
Richmond WH	2,160	25,389	7	12	3	3	-	-	-	-	-	-	-	-	2	4	-			
Mortlake H	2,823	16,159	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-			
Bromley HHH	9,127	23,815	17	10	4	2	-	-	-	3	-	-	2	-	-	3	-			
Beckenham H	6,542	21,969	9	12	6	2	-	-	-	-	1	-	4	-	-	1	-			
Chislehurst, part of* WHH	14,307	20,372	14	9	2	2	-	-	-	-	-	-	-	1	3	-	-			
Bexley HHH	12,540	30,590	19	24	17	2	-	-	-	1	-	-	8	1	1	-	1			
Dartford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Sunbury w	11,054	13,671	11	11	8	-	-	-	-	-	-	-	7	1	1	-	1			
Staines WH	13,277	13,221	7	13	3	4	-	2	-	-	-	-	1	-	-	4	-			
Hillingdon WHH	6,035	12,237	9	7	3	2	-	-	-	-	-	-	2	1	-	-	1			
Uxbridge	12,757	7,253	7	2	1	1	-	-	-	-	1	-	-	-	-	-	-			
Hayes WH	7,952	11,051	6	10	6	2	-	-	-	-	1	-	3	2	2	-	-			
Isleworth WHH	6,967	26,004	19	13	3	10	-	-	-	-	1	-	6	1	1	2	-			
Twickenham HH	2,415	16,027	12	6	1	1	-	-	-	-	-	-	3	-	-	-	-			
Brentford HHHH	4,318	37,777	10	19	8	3	-	-	-	-	-	-	9	1	1	-	1			
Chiswick	1,245	21,963	12	11	8	2	-	-	-	-	-	-	5	-	-	-	-			
Acton WHH	6,132	30,945	30	22	15	2	-	1	-	1	-	-	6	-	-	-	-			
Harrow HHH	13,809	15,715	11	8	5	1	-	-	-	-	1	-	3	-	-	-	1			
Edgware HH	6,994	3,844	3	3	2	-	-	-	-	-	-	-	1	-	-	-	-			
Willesden HHH	4,383	61,265	68	52	41	2	-	1	1	-	3	1	20	-	1	1	1			
Hendon WH	8,382	15,843	12	14	11	1	-	-	-	-	1	-	7	-	-	3	-			
South Mimms HH	21,077	6,367	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Barnet WHH		14,152	5	7	-	4	-	-	-	-	-	-	-	-	4	1	-			
Finchley HHH		25,820	14	4	-	3	-	-	-	-	-	-	-	1	1	-	-			
Hornsey HH	3,039	61,097	43	15	8	2	-	1	-	-	-	-	3	-	-	-	1			
Tottenham HH	4,642	97,174	61	68	46	7	-	-	-	-	-	-	21	2	8	4	-			
Edmonton WwW	7,489	36,351	27	21	14	1	-	1	-	1	-	-	9	-	2	-	-			
Enfield WWHH	12,602	31,536	14	18	11	2	-	-	-	-	-	-	10	1	2	-	-			
Waltham Abbey	11,017	6,066	8	1	1	-	-	-	-	-	-	-	1	-	-	-	-			
Cheshunt H	8,480	9,620	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-			
Hatfield, part of* W-	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Bushey H	9,331	7,737	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-			
Watford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Stratford H	4,706	38,612	24	32	23	4	-	-	-	1	-	1	20	1	2	4	-			
Plaistow WHHH		53,030	43	54	29	4	-	-	-	3	4	-	15	-	-	4	-			
Canning Town H		54,750	38	52	33	2	-	1	-	2	2	-	24	3	4	-	-			
Forest Gate w		53,511	33	23	15	2	-	-	-	1	-	-	5	-	-	-	-			
East Ham WHH	3,266	32,713	60	47	34	1	-	-	-	1	-	18	1	2	6	1	-			
Leyton WWWWH	4,334	70,188	60	51	27	7	-	-	-	-	-	18	1	2	-	-	-			
Walthamstow HHL	6,501	57,330	53	25	18	1	-	1	-	-	-	7	-	-	-	-	-			
Chigwell, part of* HHHH	11,779	12,941	10	7	2	2	-	-	-	-	-	3	1	1	1	-	-			
Epping WH, part of*-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Romford, part of* WH	6,556	4,324	-	1	1	-	-	-	-	-	-	-	-	-	1	-	-			
Ilford	8,493	10,913	12	11	7	2	-	-	-	-	-	-	6	-	-	-	-			
Barking Town, H	3,814	14,301	12	13	11	-	-	-	-	-	-	-	7	-	-	-	-			
Middlesex County Asylum, Wandsworth.	-	-	-	4	-	2	-	-	-	-	-	-	-	-	-	4	-			
Brook Hospital, Charlton ..	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	1	-			

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warringham Parley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in Uxbridge sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 12th August, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.			
GREATER LONDON	443,421	6,528,434	23·3	7·2	2912	1500	401	-	62	9	44	32	15	743	92			
INNER LONDON -	74,672	4,546,752	23·7	6·6	2068	1015	285	-	54	8	26	16	12	463	72			
OUTER RING -	368,749	1,981,682	22·2	8·6	844	485	116	-	8	1	18	16	3	280	20			

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMO DISEASES.					
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.
EDINBURGH -	298,927	Aug. 12	161	104	18·1	-	1	2	1	2	3
GLASGOW -	733,903	" 12	479	278	19·8	-	12	3	1	4	3
DUBLIN -	349,594	" 12	205	214	31·9	-	9	-	2	3	5
CALCUTTA -	466,460	July 1	-	191	21·3	-	-	-	2	-	57+
BOMBAY -	821,764	" 18	168	485	30·7	5	16	?	?	?	86+
MADRAS -	452,518	June 30	312	261	29·9	1	9	?	?	?	60
PARIS -	2,511,629	Aug. 5	1195	1114	23·0	-	22	5	10*	3	31
BRUSSELS -	551,011	" 5	268	168	15·5	-	-	1	-	1	2
AMSTERDAM -	517,595	July 29	288	156	15·7	-	-	-	-	1	3
ROTTERDAM -	315,305	" 29	184	112	18·5	-	-	-	3	1	2
THE HAGUE -	199,285	" 29	106	70	18·3	-	-	-	1	-	-
COPENHAGEN -	345,000	Aug. 5	192	116	17·5	-	1	1	3	1	1
STOCKHOLM -	291,580	July 29	128	117	20·9	-	-	1	4*	1	-
CHRISTIANIA -	221,073	Aug. 5	212	95	21·9	-	-	1	-	-	-
ST. PETERSBURG	1,132,677	July 29	572	636	29·3	-	16	11	17	5	17
MOSCOW -	988,610	" 29	-	790	41·7	-	5	4	4	1	3
BERLIN -	1,818,517	" 22	941	678	19·4	-	12	13	8	12	2
HAMBURG -	675,351	Aug. 5	-	284	21·9	-	-	-	3*	5	1
DRESDEN -	394,300	July 15	244	144	19·0	-	-	-	3*	3	-
BRESLAU -	406,012	Aug. 5	-	241	31·0	-	1	4	1	-	-
MUNICH -	445,000	July 29	323	204	23·8	-	-	-	3*	3	-
VIENNA -	1,623,134	Aug. 5	870	611	19·6	-	8	4	3*	2	-
PRAGUE -	384,622	" 5	213	180	24·3	-	2	4	3	2	1
BUDA-PESTH -	666,722	July 29	443	296	23·1	-	1	9	-	1	4
TRIESTE -	166,599	" 22	86	76	23·7	-	-	-	1*	-	-
ROME -	505,850	" 15	193	159	16·4	-	-	-	-	-	-
TURIN (10 days)	344,203	June 30	212	158	16·8	-	2	-	1	-	-
VENICE -	171,023	July 29	66	76	23·2	-	-	-	1*	-	2
CAIRO -	570,062	-	-	-	-	-	-	-	-	-	-
ALEXANDRIA -	319,766	-	-	-	-	-	-	-	-	-	-
NEW YORK (including BROOKLYN)	3,550,053	July 15	-	-	-	-	-	-	-	-	-
PHILADELPHIA -	1,266,832	" 22	-	510	21·0	-	-	2	15	6	3

\* Including deaths from croup.

+ Including 4 deaths from plague in Calcutta and 53 in Bombay.

§ Including 4 deaths from cholera.

§ Including 3 deaths from measles.

1899.		Phases of the Moon.	Mean daily reading (corrected to 32° Fahrenheit).	Of the Air.				Of the Air Temperature and Dew Point Temperature.		Of Radiation.		Of the Earth's Surface.		General Direction.		Pressure on the Square Foot.		Robinson's.		Gauge receiving air at above the ground, collected.											
				High-est.	Low-est.	Daily Range.	Mean daily value.	De-parture from Average of 50 years.	Mean daily value.	Great-est.	Least.	Highest Sun's Rays.	Lowest on Grass.	A.M.	P.M.	Great-est.	Least.	Mean hourly obs.	Horizontal Movement of the Air on each Day.		Vertical Movement of the Air on each Day.										
AUGUST.				in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°											
SUNDAY	- 6	New	2816	73.8	61.9	11.9	66.2	+ 3.8	63.1	3.1	8.8	0.7	90	1121	597	66.49	E.N.E. & E.	E.S.E.	1.7	0.0	0.0	161	0.0	0.0	161	0.0	0.0	0.0	0.0	0.0	
MONDAY	- 7	Apogee	2839	71.0	59.4	11.6	63.9	+ 1.4	58.0	5.9	10.9	0.9	81	1152	51.1	66.56	E.S.E. & E.	E.S.E. & E.	0.2	0.0	0.0	142	0.0	0.0	142	0.0	0.0	0.0	0.0	0.0	
TUESDAY	- 8	..	2831	75.0	57.3	17.7	64.3	+ 1.8	51.9	12.4	22.3	3.4	64	1424	54.9	66.52	N.E.	N.E. & N.N.E.	2.3	0.0	0.2	297	0.0	0.2	297	0.0	0.0	0.0	0.0	0.0	
WEDNESDAY	- 9	In Equator	2890	76.0	55.4	20.6	63.9	+ 1.4	53.8	10.1	21.8	3.5	70	1419	48.8	66.41	N. & N.E.	E.S.E. & E.N.E.	2.5	0.0	0.2	269	0.0	0.2	269	0.0	0.0	0.0	0.0	0.0	
THURSDAY	- 10	..	3003	76.4	52.5	23.9	64.0	+ 1.5	52.7	11.3	20.2	1.8	67	1510	43.2	66.32	N.E. & N.E.	E.S.E. & E.N.E.	1.4	0.0	0.1	225	0.0	0.1	225	0.0	0.0	0.0	0.0	0.0	
FRIDAY	- 11	..	30107	74.8	51.2	23.6	61.5	- 1.0	51.2	10.3	22.4	2.8	69	1447	37.2	66.11	N.E.	N.E. & E.	2.4	0.0	0.1	189	0.0	0.1	189	0.0	0.0	0.0	0.0	0.0	
SATURDAY	- 12	..	30091	75.1	52.2	22.9	63.0	+ 0.5	53.2	9.8	20.6	0.8	70	1465	42.2	65.97	N.E.	E.N.E. & E.	2.0	0.0	0.1	210	0.0	0.1	210	0.0	0.0	0.0	0.0	0.0	
MEANS	-		29947	74.6	55.7	18.9	63.8	+ 1.3	54.8	9.0	18.1	2.0	73	1363	48.2	66.34	N.E. & E.		..	..	20	21	22	23	24	25	26	27	28	29	30
No. of Column	-		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

DATE.	ELECTRICITY. (For explanation of symbols, see Note.)	Registered Sunshine Horizon, in hours.	Sun above Horizon, in hours.	GENERAL REMARKS.
SUNDAY - 6	w. P. throughout -	24	151	Overcast and showery till afternoon ; fine afterwards with few light clouds.
MONDAY - 7	w. P. throughout -	09	150	Generally cloudy throughout. A light shower at noon.
TUESDAY - 8	w. P. throughout -	70	150	Overcast in morning ; fine and partially cloudy till evening ; generally overcast at night.
WEDNESDAY - 9	w. P. throughout -	86	149	Overcast generally in morning ; fine, with diminishing amounts of cloud till evening ; cloudless at night.
THURSDAY - 10	w. P. generally -	129	149	A few light clouds prevailed during the day ; cloudless at other times. A very fine day.
FRIDAY - 11	m. P. in morning ; w. P. afterwards.	107	148	A fine day ; cloudless in morning and at night ; variable amounts of cloud at other times.
SATURDAY - 12	w. P., increasing to m. P.	124	148	A very fine day. The amount of cloud was usually small.
		Sum 549	Sum 1045	
No. of Col. -	27	28	29	

The results apply to the civil day, or from midnight to midnight.  
 The height of the cistern of the barometer is 153 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.  
 Observations are usually taken at 9 A.M.; noon; 3 P.M.; and 9 P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875. In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average.  
 The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.  
 The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: - P, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable.  
 The numbers in column 23, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.  
 The reading of the barometer increased from 29.73 in. at the beginning of the week to 30.12 in. by 9 A.M. on the 11th; decreased to 30.08 in. by 3 P.M. on the 12th; and was 30.08 in. at the end of the week.

GENERAL REMARKS.

Overcast and showery till afternoon; fine afterwards with few light clouds.  
 Generally cloudy throughout. A light shower at noon.  
 Overcast in morning; fine and partially cloudy till evening; generally overcast at night.  
 Overcast generally in morning; fine, with diminishing amounts of cloud till evening; cloudless at night.  
 A few light clouds prevailed during the day; cloudless at other times. A very fine day.  
 A fine day; cloudless in morning and at night; variable amounts of cloud at other times.  
 A very fine day. The amount of cloud was usually small.

Sum	1045
549	1045
Sum	1045



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1899.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN THIRTY-TWO OTHER GREAT TOWNS

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General Register Office, Somerset House,  
August 21st, 1899.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 25·7 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	July 29.	Aug. 5.	Aug. 12.	Aug. 19.		July 29.	Aug. 5.	Aug. 12.	Aug. 19.
33 Great Towns	20·7	24·6	24·3	25·7	Leicester - -	14·4	23·7	20·0	22·7
Birkenhead -	21·3	19·5	18·6	22·2	Liverpool - -	29·7	31·5	33·6	31·8
Birmingham -	21·1	24·6	27·0	30·0	London - - -	21·6	25·2	23·7	25·3
Blackburn -	13·1	13·9	14·7	16·2	Manchester -	24·1	29·0	32·3	30·3
Bolton - - -	17·4	18·0	19·6	20·6	Newcastle-on-Tyne	14·8	27·6	22·4	23·0
Bradford -	16·3	18·8	20·1	19·4	Norwich - - -	15·2	20·7	23·9	27·2
Brighton -	16·9	16·1	23·3	33·9	Nottingham -	20·9	28·1	28·1	25·3
Bristol - - -	13·6	21·0	17·1	24·0	Oldham - - -	17·3	16·3	21·8	20·8
Burnley - -	18·4	30·0	26·3	38·3	Plymouth - -	22·3	32·6	36·3	30·6
Cardiff - - -	11·5	16·3	19·4	23·6	Portsmouth -	19·7	28·2	27·9	32·5
Croydon - -	13·9	12·7	19·2	20·8	Preston - - -	19·5	15·5	24·8	27·9
Derby - - -	16·2	12·7	21·1	23·0	Salford - - -	25·3	29·6	28·4	29·6
Gateshead -	13·7	12·7	21·0	20·1	Sheffield - -	27·6	37·4	30·3	27·4
Halifax - -	15·5	15·5	16·0	12·8	Sunderland -	17·2	18·6	17·5	18·3
Huddersfield-	13·1	19·2	13·6	13·6	Swansea - - -	13·6	21·1	17·6	25·1
Hull - - -	18·7	18·3	21·4	24·7	West Ham - -	25·2	27·4	28·7	25·2
Leeds - - -	21·2	24·5	21·3	22·6	Wolverhampton	12·9	20·5	19·4	35·2

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Birmingham and in Salford, 1·3 in Sheffield, and 3·7 in Burnley; from *scarlet fever*, 1·8 in Burnley; from *whooping-cough*, 1·0 in Plymouth and in Leicester, and 1·4 in Burnley; and from *diarrhæa*, 5·1 in Cardiff, 5·2 in Leeds, 5·4 in Derby, 5·5 in London and in Burnley, 5·7 in Croydon, 5·9 in Oldham, 7·3 in Hull, 7·4 in Sheffield, 7·8 in Leicester, 8·4 in Preston, 8·5 in Liverpool, 8·9 in West Ham, 9·3 in Bristol, 9·6 in Nottingham, 9·8 in Manchester, 10·0 in Wolverhampton, 11·3 in Birmingham, 12·2 in Salford, 12·7 in Brighton, and 13·1 in Portsmouth. In none of the thirty-three towns did the death-rate from "*fever*" reach 1·0 per 1000. The 67 deaths from *diphtheria* included 33 in London, 10 in Sheffield, and 3 in Leicester. Three deaths from *small-pox* were registered in Hull, but not one in any other of the thirty-three towns.

## LONDON.

In LONDON† 2671 BIRTHS and 2208 DEATHS were registered. Allowing for increase of population, the births were 33 below, and the deaths 473

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7 added to the Outer Ring, or to other areas to which they belong.

above, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 21·6, 25·2, and 23·7, in the preceding three weeks, rose again last week to 25·3. During the four weeks ending on Saturday last the death-rate averaged 24·0 per 1000, being 3·9 per 1000 above the mean rate in the corresponding periods of the ten years 1889-98.

The 2208 deaths included 48 from measles, 8 from scarlet fever, 33 from diphtheria, 28 from whooping-cough, 11 from enteric fever, 481 from diarrhœa and dysentery, 16 from cholera and choleraic diarrhœa, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 625 deaths were referred to these diseases, being 214 above the corrected average weekly number.

The deaths from *measles*, which had been 56, 60, and 54 in the preceding three weeks, further fell last week to 48, but were 6 above the corrected average; 5 cases belonged to Bermondsey, 4 to Newington, 4 to Lambeth, 4 to Greenwich, 4 to Islington, and 4 to Poplar sanitary areas. The deaths from *scarlet fever*, which had been 5, 6, and 8 in the preceding three weeks, were again 8 last week, the corrected average being 24. The deaths from *diphtheria*, which had been 35, 44, and 26 in the preceding three weeks, rose again last week to 33, but were 9 below the corrected average; 5 cases belonged to Islington, 4 to Shoreditch, and 4 to Newington sanitary areas. The deaths from *whooping-cough*, which had been 19, 27, and 16 in the preceding three weeks, rose again last week to 28, but were 4 below the corrected average. The fatal cases of *enteric fever*, which had been 13, 13, and 12 in the preceding three weeks, were 11 last week, the corrected average being 14; 3 cases belonged to Poplar and 2 to Kensington sanitary areas. The deaths from *diarrhœa*, which had been 350, 477, and 463 in the preceding three weeks, rose again last week to 481, and were 233 above the corrected average. Of the 481 deaths from diarrhœa, 450 were of children under 5 years of age; 234 more deaths at this age-group were described as due to *gastro-enteritis*, which appears as a separate heading in Table 4. The deaths referred to diseases of the respiratory organs, which had been 169, 157, and 163 in the preceding three weeks, fell again last week to 148, and were 20 below the corrected average. The deaths attributed directly to *influenza* numbered 4, having been 11, 2, and 3 in the preceding three weeks.

Different forms of violence caused 70 deaths, concerning all but 4 of which inquests were held. Of these 70 deaths, 11 were cases of suicide, and 2 of homicide, while the remaining 57 were attributed to accident or negligence. Nine of these were referred to vehicles in the streets, 12 to drowning, 2 to sunstroke, 2 to the effects of chloroform administered for surgical purposes, and 7 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2612 cases of scarlet fever, 1509 of diphtheria, and 196 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 245 cases, against 307, 297, and 227; of diphtheria, 172 cases, against 265, 216, and 148; and of enteric fever, 38 cases, against 46, 50, and 42.

#### GREATER LONDON.

In Greater London 3845 births and 3157 deaths were registered, corresponding to annual rates of 30·7 and 25·2 per 1000 of the estimated population. In the Outer Ring 12 deaths from measles, 1 from scarlet fever, 13 from diphtheria, 19 from whooping-cough, 3 from "fever," and 323 from diarrhœa were registered. Six deaths from measles, 4 from diphtheria, and 114 from diarrhœa occurred in West Ham district; 67 deaths from diarrhœa occurred in Edmonton district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·97 inches, and that of the Thermometer 66°·5; the latter being 4°·5 above the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 4 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 49·4 hours; no rain was measured during the week.



CITIES AND BOROUGHES.	Registered during the Week ending 19th August 1899.			The DEATHS registered in the Week include.										TEMPERATURE OF THE AIR.										RAINFALL.		CITIES AND BOROUGHES.				
	POPULATION estimated to the middle of the Year 1898.*			Deaths of										Deaths from										Mean.				In Inches.	In Cent.	
	BIRTHS.	DEATHS.		Infants under 1 Year of Age.		Persons aged 60 Years and upwards.		Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unrecorded Causes of Death.	From All Causes.	Diseases in Cois. 6-12.	Highest.	Lowest.	Fahrenheit.	Centigrade.						
				4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.						
COLS.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	COLS.	1.	2.	3.		
33 TOWNS.	11,404,408	6866	5620	2740	815	3	109	28	67	70	38	1450	156	311	892	46	257	81	900	450	630	1722	017	043	33 TOWNS.					
LONDON.	4,546,762	2671	2208	1043	333	-	48	8	33	28	11	481	70	153	516	8	253	70	900	535	665	1917	000	000	LONDON.					
WEST HAM.	300,241	169	145	90	13	-	2	-	2	3	1	51	2	13	3	252	102	-	-	-	-	-	-	-	WEST HAM.					
CROYDON.	127,769	49	51	32	10	-	-	-	-	1	-	14	1	4	1	208	61	892	545	657	1872	000	000	CROYDON.						
BRIGHTON.	123,226	77	80	42	13	-	-	-	2	2	2	30	-	-	14	14	339	144	798	562	668	1933	000	000	BRIGHTON.					
PORTSMOUTH.	190,741	107	119	69	14	-	-	-	1	2	2	48	4	5	15	1	325	145	805	560	665	1917	000	000	PORTSMOUTH.					
PLYMOUTH.	160,637	63	59	24	13	-	-	1	-	2	-	7	2	3	4	306	52	-	-	-	-	-	-	-	PLYMOUTH.					
BRISTOL.	320,911	185	148	83	26	-	3	-	1	1	1	57	4	7	16	1	240	101	830	510	650	1833	011	028	BRISTOL.					
CARDIFF.	185,826	115	84	48	12	-	-	-	2	1	1	18	3	5	5	236	62	-	-	-	-	-	-	-	CARDIFF.					
SWANSEA.	103,722	47	50	28	9	-	-	-	2	1	-	7	2	5	2	251	50	-	-	-	-	-	-	-	SWANSEA.					
WOLVERHAMPTON.	88,821	73	60	34	12	-	-	1	-	-	-	17	-	2	8	352	106	802	486	611	1617	083	211	WOLVERHAMPTON.						
BIRMINGHAM.	514,956	381	296	159	30	-	10	1	2	2	2	112	11	16	25	5	300	131	-	-	-	1617	025	063	BIRMINGHAM.					
NORWICH.	113,266	71	59	32	14	-	-	-	-	-	-	10	2	3	9	1	272	46	840	462	611	1617	025	063	NORWICH.					
LEICESTER.	213,851	125	93	51	14	-	1	-	3	4	2	32	2	3	9	227	102	-	-	-	-	-	-	-	LEICESTER.					
NOTTINGHAM.	239,384	142	116	61	18	-	2	1	1	-	1	44	1	3	13	253	107	803	506	626	1700	021	053	NOTTINGHAM.						
DERBY.	106,401	47	47	18	9	-	1	-	-	-	-	11	-	2	8	230	59	-	-	-	-	-	-	-	DERBY.					
BIRKENHEAD.	115,162	70	49	15	7	-	1	-	-	-	-	9	1	2	5	222	45	-	-	-	-	-	-	-	BIRKENHEAD.					
LIVERPOOL.	634,212	439	387	178	45	-	6	1	1	5	3	103	15	22	51	13	318	98	778	546	613	1628	026	066	LIVERPOOL.					
BOLTON.	162,221	90	64	24	11	-	-	-	-	-	1	11	2	5	7	206	39	-	-	-	-	-	-	-	BOLTON.					
MANCHESTER.	543,902	335	316	156	43	-	4	-	2	6	2	102	8	15	49	1	303	111	-	-	-	-	-	-	MANCHESTER.					
SALFORD.	218,244	174	124	67	12	-	4	-	-	1	1	51	1	2	9	296	136	-	-	-	-	-	-	-	SALFORD.					
OLDHAM.	150,772	65	60	24	7	-	1	-	-	-	-	17	3	5	8	208	62	-	-	-	-	-	-	-	OLDHAM.					
BURNLEY.	113,081	56	43	37	6	-	8	-	-	3	2	12	2	4	4	383	134	-	-	-	-	-	-	-	BURNLEY.					
BLACKBURN.	135,154	61	42	19	6	-	1	-	1	-	-	10	-	1	2	3	162	46	-	-	-	-	-	-	BLACKBURN.					
PRESTON.	117,622	68	63	32	9	-	1	-	1	-	1	19	1	1	1	279	98	-	-	-	-	-	-	-	PRESTON.					
HUDDERSFIELD.	103,464	50	27	13	7	-	-	-	-	-	1	5	1	2	2	136	30	770	500	591	1506	017	043	HUDDERSFIELD.						
HALIFAX.	97,721	42	24	8	4	-	-	-	-	-	-	3	-	1	2	128	21	-	-	-	-	-	-	-	HALIFAX.					
BRADFORD.	236,241	113	88	33	21	-	2	1	-	1	-	14	1	5	10	2	194	40	778	516	608	1600	012	030	BRADFORD.					
LEEDS.	423,889	248	184	83	29	-	3	1	2	4	-	42	6	15	21	226	64	-	-	-	-	-	-	-	LEEDS.					
SHEFFIELD.	361,169	242	190	94	21	-	9	3	10	1	2	51	2	4	16	4	274	110	-	-	-	-	-	-	SHEFFIELD.					
HULL.	234,270	182	111	58	16	-	3	2	-	1	1	33	1	5	17	1	247	96	820	450	589	1494	014	036	HULL.					
SUNDERLAND.	145,618	107	51	19	10	-	-	-	-	-	1	9	2	3	12	1	183	36	-	-	-	-	-	-	SUNDERLAND.					
GATESHEAD.	106,552	68	41	23	4	-	-	-	-	-	-	8	-	-	6	1	201	49	-	-	-	-	-	-	GATESHEAD.					
NEWCASTLE.	228,625	134	101	43	17	-	-	-	2	1	1	12	6	6	18	1	230	39	-	-	-	-	-	-	NEWCASTLE.					

TABLE 2. LONDON.—Births and Deaths Registered in the THIRTY-THIRD Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2715	2527	2330	2486	2560	2665	2646	2624	2662	2489	2704.4	2671
Males - - -	1392	1239	1163	1291	1329	1356	1340	1324	1334	1280	1872.8	1412
Females - - -	1323	1288	1167	1195	1231	1309	1306	1300	1328	1209	1331.6	1259
<b>TOTAL Deaths</b>	1382	1751	1445	1407	1855	1428	1459	1666	2074	2019	1734.5	2208
Males - - -	711	954	769	697	935	741	770	880	1088	1025	901.6	1167
Females - - -	671	797	676	710	920	687	689	786	986	994	832.9	1041

\* The numbers in this column are the average weekly numbers in the thirty-third week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	May 27.	June 3.	June 10.	June 17.	June 24.	July 1.	July 8.	July 15.	July 22.	July 29.	Aug. 5.	Aug. 12.	Aug. 19.
<b>TOTAL Births</b>	2306	2678	2445	2571	2422	2441	2484	2351	2444	2494	2577	2214	2671
<b>TOTAL Deaths</b>	1363	1483	1365	1316	1355	1297	1310	1387	1589	1884	2200	2068	2208
<b>Ages at Death</b>													
Under 1 year - - -	296	281	281	299	272	264	299	367	556	805	1049	1015	1043
1-5 years - - -	174	168	218	173	199	156	184	175	201	223	237	242	242
5-20 " - - -	73	92	79	71	91	78	86	82	85	98	99	74	88
20-40 " - - -	166	211	197	171	215	212	157	171	151	161	203	163	204
40-60 " - - -	295	351	264	290	279	287	255	271	279	269	310	289	298
60-90 " - - -	289	310	289	260	254	240	270	270	254	264	238	244	262
80 years and upwards	73	70	57	52	45	60	59	51	63	64	64	41	71
<b>Deaths from—</b>													
Small pox - - -	-	-	1	-	-	-	-	1	-	-	-	-	-
Measles - - -	61	67	93	64	65	51	50	48	46	56	60	54	48
Scarlet Fever - - -	5	4	5	7	4	11	12	4	8	6	6	8	8
Diphtheria - - -	23	24	28	35	28	25	31	37	42	35	44	28	33
Whooping-cough - - -	34	33	27	35	35	26	27	26	20	19	27	16	28
Typhus - - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever - - -	4	6	7	6	6	11	7	6	8	13	13	12	11
Simple Continued Fever - - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery - - -	10	13	12	12	9	20	28	75	185	350	477	463	481
Cholera - - -	-	-	-	-	1	-	-	2	7	12	21	21	16
<b>All the above Diseases</b>	137	147	173	159	148	144	155	199	316	490	648	600	625
<b>Dis. of Respiratory System—</b>													
Phtisis - - -	256	240	216	207	190	159	194	176	149	169	157	163	148
Dis. of Circulatory System - - -	141	185	141	133	153	153	139	115	116	112	145	134	151
Violence - - -	134	169	110	125	116	124	114	122	116	123	110	96	114
Inquest Cases - - -	68	66	80	60	86	73	49	67	77	82	91	72	70
Deaths in Public Institutions - - -	139	152	166	124	162	143	120	128	137	156	161	151	153
<b>TEMPERATURE OF THE AIR.</b>													
Mean - - -	49.5	58.4	61.1	58.3	60.7	62.3	62.3	66.2	70.2	64.8	67.5	68.8	68.5
Mean of Highest readings - - -	57.1	70.8	73.3	69.3	69.7	73.1	71.9	77.7	83.2	75.4	78.8	74.6	77.4
Mean of Lowest readings - - -	43.2	43.6	49.1	45.1	53.7	53.8	54.3	56.9	57.9	55.3	57.3	55.7	57.2
<b>Humidity of the Air</b>	78	60	64	67	73	68	71	67	58	67	69	73	64
<b>Rain-fall (in inches)</b>	0.66	0.00	0.00	0.00	0.51	0.74	0.13	0.09	0.06	0.97	0.09	0.02	0.00
<b>Registered Sunshine (in hours)</b>	29.3	95.9	72.1	68.0	26.2	43.9	31.4	49.4	71.0	63.6	70.7	54.9	49.4
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - - -	1	1	1	1	2	-	-	-	-	1	-	-	-
Scarlet Fever - - -	2201	2212	2269	2280	2367	2430	2530	2602	2653	2667	2704	2674	2612
Diphtheria - - -	1111	1134	1159	1170	1230	1280	1347	1434	1488	1545	1526	1519	1509
Enteric Fever - - -	102	99	97	93	109	105	94	99	104	131	158	183	196

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.



TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-THIRD Week of the Year 1899.

USES OF DEATH		Corrected Averages for the 33rd Week of 1899-98*.	In the Week ending Saturday, 19th August 1899.								Corrected Averages for the 33rd Week 1899-98*.	CAUSES OF DEATH	Corrected Averages for the 33rd Week 1899-98*.	In the Week ending Saturday, 19th August 1899.																
			Deaths of Persons of the Ages											Deaths of Persons of the Ages																
			ALL AGES.	Under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	ALL AGES.	Under 20.				20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.													
		0-1.	1-5.	5-20.									0-1.	1-5.	5-20.															
CAUSES		1734.5	2208	1043	242	88	204	298	262	71	Diseases of Circulatory System	117.9	114	-	-	13	21	38	33	9	Diseases of Circulatory System	117.9	114	-	-	13	21	38	33	9
- { Vaccinated†		-	-	-	-	-	-	-	-	-	Croup	2.8	5	2	2	1	-	-	-	-	Croup	2.8	5	2	2	1	-	-	-	-
- { Unvaccinated		0.1	-	-	-	-	-	-	-	-	Bronchitis	78.7	51	10	5	-	1	7	21	7	Bronchitis	78.7	51	10	5	-	1	7	21	7
- { No Statement		0.7	-	-	-	-	-	-	-	-	Pneumonia	67.1	75	15	19	4	12	10	15	-	Pneumonia	67.1	75	15	19	4	12	10	15	-
Scarlet Fever		41.5	48	12	35	1	-	-	-	-	Pleurisy	4.0	4	-	-	-	1	2	1	-	Pleurisy	4.0	4	-	-	-	1	2	1	-
Typhoid Fever		24.0	8	1	3	4	-	-	-	-	Other Diseases of Respiratory System	15.6	13	2	3	2	1	4	1	-	Other Diseases of Respiratory System	15.6	13	2	3	2	1	4	1	-
Typhus		0.1	-	-	-	-	-	-	-	-	Dentition	10.2	10	2	5	5	-	-	-	-	Dentition	10.2	10	2	5	5	-	-	-	-
Erysipelas		3.9	4	-	-	-	2	-	1	1	Quinsy, Sore Throat	2.0	2	-	-	-	1	1	-	-	Quinsy, Sore Throat	2.0	2	-	-	-	1	1	-	-
Whooping-cough		32.0	26	16	11	1	-	-	-	-	Enteritis	78.9	52	43	4	1	2	-	2	-	Enteritis	78.9	52	43	4	1	2	-	2	-
Measles		41.7	33	1	21	11	-	-	-	-	Gastro-enteritis	6.8	245	199	35	1	2	5	3	-	Gastro-enteritis	6.8	245	199	35	1	2	5	3	-
Scarlatina Continued and		0.3	-	-	-	-	-	-	-	-	Peritonitis	30.2	25	4	-	-	2	12	7	-	Peritonitis	30.2	25	4	-	-	2	12	7	-
Scarlatina Febrile		13.9	11	-	-	3	7	1	-	-	Diseases of Liver	38.1	55	23	4	2	9	5	11	1	Diseases of Liver	38.1	55	23	4	2	9	5	11	1
Typhoid and Chol. Diarr.		8.7	16	13	1	-	1	1	-	-	Other Diseases of Digestive System	2.7	-	-	-	-	-	-	-	-	Other Diseases of Digestive System	2.7	-	-	-	-	-	-	-	-
Typhoid		248.4	481	404	46	3	-	11	12	5	Diseases of Lymphatic System & of Ductless Glands	40.7	51	-	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands	40.7	51	-	-	-	-	-	-	-
Typhus		0.1	-	-	-	-	-	-	-	-	Diseases of Urinary System	6.4	4	-	-	1	8	19	21	2	Diseases of Urinary System	6.4	4	-	-	1	8	19	21	2
Scarlatina		0.1	-	-	-	-	-	-	-	-	Accidents of Childbirth	5.1	5	-	-	-	5	-	-	-	Accidents of Childbirth	5.1	5	-	-	-	5	-	-	-
Scarlatina		0.1	-	-	-	-	-	-	-	-	Diseases of Locomotive System	5.3	7	1	-	1	3	1	1	-	Diseases of Locomotive System	5.3	7	1	-	1	3	1	1	-
Scarlatina		0.1	-	-	-	-	-	-	-	-	Diseases of Integumentary System	6.2	5	4	-	-	-	-	-	1	Diseases of Integumentary System	6.2	5	4	-	-	-	-	-	1
Scarlatina		0.1	-	-	-	-	-	-	-	-	VIOLENT DEATHS.†										VIOLENT DEATHS.†									
Scarlatina		0.1	-	-	-	-	-	-	-	-	(ACCIDENT.)										(ACCIDENT.)									
Scarlatina		0.1	-	-	-	-	-	-	-	-	By Railways	2	2	-	-	1	1	-	-	-	By Railways	2	2	-	-	1	1	-	-	-
Scarlatina		0.1	-	-	-	-	-	-	-	-	By Vehicles or Horses	9	9	1	-	3	4	1	-	-	By Vehicles or Horses	9	9	1	-	3	4	1	-	-
Scarlatina		0.1	-	-	-	-	-	-	-	-	In Ships, Boats, Docks, (exclusive of Drowning)	-	-	-	-	-	-	-	-	-	In Ships, Boats, Docks, (exclusive of Drowning)	-	-	-	-	-	-	-	-	-
Scarlatina		0.1	-	-	-	-	-	-	-	-	In Building Operations	3	3	-	-	-	2	1	-	-	In Building Operations	3	3	-	-	-	2	1	-	-
Scarlatina		0.1	-	-	-	-	-	-	-	-	In Conflagrations	-	-	-	-	-	-	-	-	-	In Conflagrations	-	-	-	-	-	-	-	-	-
Scarlatina		0.1	-	-	-	-	-	-	-	-	By Burns, Scalds, Explosions	56.4	4	1	1	1	-	1	-	-	By Burns, Scalds, Explosions	56.4	4	1	1	1	-	1	-	-
Scarlatina		0.1	-	-	-	-	-	-	-	-	By Drowning	12	12	-	1	5	6	-	-	-	By Drowning	12	12	-	1	5	6	-	-	-
Scarlatina		0.1	-	-	-	-	-	-	-	-	By Suffocation in Bed	7	7	7	-	-	-	-	-	-	By Suffocation in Bed	7	7	7	-	-	-	-	-	-
Scarlatina		0.1	-	-	-	-	-	-	-	-	By Poisons or Poisonous Vapours	3	3	-	-	1	2	-	-	-	By Poisons or Poisonous Vapours	3	3	-	-	1	2	-	-	-
Scarlatina		0.1	-	-	-	-	-	-	-	-	Other or not stated	17	17	5	-	-	1	6	4	1	Other or not stated	17	17	5	-	-	1	6	4	1
Scarlatina		0.1	-	-	-	-	-	-	-	-	causes -	-	-	-	-	-	-	-	-	-	causes -	-	-	-	-	-	-	-	-	-
Scarlatina		0.1	-	-	-	-	-	-	-	-	(VIOLENCE OTHER THAN ACCIDENTAL.)										(VIOLENCE OTHER THAN ACCIDENTAL.)									
Scarlatina		0.1	-	-	-	-	-	-	-	-	Homicide	1.3	2	1	-	-	-	1	-	-	Homicide	1.3	2	1	-	-	-	1	-	-
Scarlatina		0.1	-	-	-	-	-	-	-	-	Suicide	9.8	11	-	-	1	3	2	5	-	Suicide	9.8	11	-	-	1	3	2	5	-
Scarlatina		0.1	-	-	-	-	-	-	-	-	Execution	0.4	-	-	-	-	-	-	-	-	Execution	0.4	-	-	-	-	-	-	-	-
Scarlatina		0.1	-	-	-	-	-	-	-	-	OTHER CAUSES	78.9	72	67	1	-	-	1	2	1	OTHER CAUSES	78.9	72	67	1	-	-	1	2	1

The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered in each SUB-DISTRICT during the Week ending Saturday, 19th August, 1899.

REGISTRATION SUB-DISTRICTS.	Enu- me- rated Popu- lation, 1896.	Total BIRTHS.	The DEATHS registered during the Week include															Inquest Cases.	Deaths in Public Institutions.
			Total DEATHS.	Deaths of		Deaths from													
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erieter (or Typhoid) Fever.	Simple Continued Fever.	Diarrhœa.	Violence.				
LONDON -	4,411,710	2,671	2,208	1043	333	-	48	8	33	28	-	11	-	481	70	153	516		
WEST DISTRICTS	778,251	377	373	165	75	-	-	1	4	1	-	4	-	63	13	26	94		
NORTH DISTRICTS	1,040,694	536	467	226	63	-	2	1	12	7	-	12	-	105	12	29	96		
CENTRAL DISTRICTS	253,635	114	112	45	16	-	-	-	-	-	-	-	-	24	5	9	32		
EAST DISTRICTS	716,334	519	424	199	60	-	6	-	3	2	-	2	-	107	18	46	121		
SOUTH DISTRICTS	1,642,796	1125	812	408	115	-	30	5	14	10	-	3	-	177	21	43	155		
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON *	-	-	18	-	4	-	-	1	-	-	-	-	-	-	1	-	18		
WEST DISTRICTS.																			
St. Mary Paddington } G. & W.	90,996	51	53	28	11	-	-	-	-	-	-	-	-	8	3	4	10		
WHH																			
St. John Paddington H - - G.	33,510	9	6	1	3	-	-	-	-	-	-	-	-	-	1	2	1		
Kensington Town Ww - - W.	122,164	61	78	28	24	-	-	-	-	-	-	-	-	15	1	3	28		
Brompton HH - - W. & C.	48,301	8	10	1	2	-	-	-	-	-	-	-	-	-	-	-	4		
North Hammersmith† H } W. & G }	44,638	31	24	12	5	-	-	-	-	-	-	-	-	6	-	1	-		
South Hammersmith† H } W. & G }	59,561	26	19	11	2	-	-	-	-	-	-	-	-	4	1	1	5		
Fulham Ww - - W. & C.	113,781	83	86	46	6	-	-	1	3	1	-	4	-	22	2	4	21		
Chelsea Kensal Town - - C.	21,450	12	10	8	-	-	-	-	-	-	-	-	-	6	-	1	-		
Chelsea North WHHHHH - C.	42,057	20	16	2	6	-	-	-	-	-	-	-	-	-	-	2	9		
Chelsea South HE - - C.	33,139	10	9	3	2	-	-	-	-	-	-	-	-	1	-	-	-		
May Fair W - - G.	23,827	5	8	2	5	-	-	-	-	-	-	-	-	-	-	1	7		
Belgrave WHHH - - C.	56,140	26	22	8	1	-	-	-	1	-	-	-	-	2	3	4	5		
St. John Westminster HH - C.	31,492	15	14	9	3	-	-	-	-	-	-	-	-	3	1	2	1		
St. Margaret Westminster H- C.	22,097	6	2	-	1	-	-	-	-	-	-	-	-	-	1	1	-		
St. James Westminster } N. & G.	23,050	13	11	5	3	-	-	-	-	-	-	-	-	1	-	-	1		
WHH																			
St. Anne Soho HHHHHH - N.	12,048	1	7	1	1	-	-	-	-	-	-	-	-	-	-	-	2		
NORTH DISTRICTS.																			
All Souls Marylebone } - - W.	36,595	12	20	5	2	-	1	-	-	-	-	-	-	3	1	1	8		
HHHHHHHH																			
Rectory Marylebone W } G. & W.	19,798	9	9	4	1	-	1	-	-	-	-	-	-	-	-	1	2		
St. Mary Marylebone } G. & W.	19,637	22	4	2	1	-	-	-	-	-	-	-	-	1	1	-	-		
HHHH																			
Christchurch Marylebone H - W	32,547	12	15	12	1	-	-	-	-	-	-	-	-	4	-	-	-		
St. John Marylebone HHH - W.	32,611	16	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
Hampstead } - N. & W.	75,449	25	24	10	3	-	-	1	2	-	-	-	-	7	-	-	6		
WwHHHH																			
Regent's Park Pancras HH - W.	37,341	19	17	11	2	-	1	-	-	1	-	-	-	2	-	1	1		
Tottenham-court } - N. & W.	26,757	13	11	8	-	-	1	-	-	-	-	-	-	4	-	1	1		
WHHH																			
Gray's Inn Lane HHH - - N.	29,426	12	12	4	1	-	-	-	-	-	-	-	-	3	2	2	3		
Somers Town HH - - N.	32,161	15	16	4	3	-	-	-	-	-	-	-	-	5	-	1	3		
Camden Town WH - - N.	16,669	7	16	7	4	-	-	-	-	-	-	-	-	4	1	3	7		
Kentish Town WW - - N.	98,410	45	41	27	5	-	-	-	-	3	-	-	-	9	-	1	2		
Upper Holloway } - - N.	98,273	71	73	29	11	-	3	-	2	2	-	-	-	12	3	5	35		
WWWwHH																			
Islington South-west H - - N.	107,365	51	45	26	4	-	-	-	-	-	-	-	-	16	-	2	-		
Islington South-east - - N.	66,549	45	13	8	1	-	-	-	-	1	-	-	-	2	-	-	-		
Highbury HH - - N.	64,577	28	25	5	8	-	1	-	-	-	-	-	-	2	-	3	-		
Stoke Newington H - - N.	33,485	23	7	5	1	-	-	-	-	-	-	-	-	1	-	-	-		
North Hackney - - E. & N.		20	17	12	-	-	-	-	-	-	-	-	-	2	1	2	-		
Central Hackney ww - - E. & N.		28	29	15	1	-	1	-	8	-	-	2	-	3	1	2	10		
South-west Hackney HHH E. & N.	213,044	31	24	12	5	-	-	-	-	-	-	-	-	8	1	1	4		
South-east Hackney WwH E. & N.		32	44	19	8	-	-	-	-	-	-	-	-	17	1	3	14		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein: namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. signify Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New River; E. East London; and K. the Kent Company.

\* See note on first page of this Return.

† The Sub-districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and were re-named North Hammersmith and South Hammersmith respectively.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 19th August, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation. 1896.	Total BIRTHS.	The DEATHS registered during the Week include														Deaths in Public Institutions	Uncertified Causes of Death		
			Total DEATHS	Deaths of		Deaths from														
				Infants under 1 Year of Age.	Persons aged 50 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.				
CENTRAL DISTRICTS.																				
George Bloomsbury - - N.	16,110	2	3	3	-	-	-	-	-	-	-	-	-	-	3	-	-	-		
Mile South WH - - N.	12,976	9	4	2	1	-	-	-	-	-	-	-	-	-	1	-	-	-		
Mile North H - - N.	9,151	4	7	5	-	-	-	-	-	-	-	-	-	-	1	-	1	-		
Martin-in-the-Fields HHN. & C.	13,077	3	11	3	3	-	-	-	-	-	-	-	-	-	1	-	-	7		
nd WHH - - - N.	11,839	2	2	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-		
nd Union Workhouse, Edmonton	†1,037	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-		
born w HHHHHHH - - N.	31,042	13	20	9	2	-	-	-	-	-	-	-	-	-	4	-	2	5		
James Clerkenwell - - N.	15,777	13	8	4	2	-	-	-	-	-	-	-	-	-	2	2	-	-		
well Clerkenwell - - N.	34,356	17	8	3	-	-	-	-	-	-	-	-	-	-	4	-	-	-		
well-street - - - N.	13,069	7	5	2	-	1	-	-	-	-	-	-	-	-	1	-	-	-		
-road HHHH - - - N.	29,897	33	19	10	-	1	-	-	1	-	-	-	-	-	3	-	2	1		
tecross-street - - - N.	7,595	4	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
bury - - - N.	4,035	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
born Union Workhouse, } dham	†892	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	3		
Botolph H - - N. & E.	6,870	2	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-		
legate - - - N.	3,299	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-		
epulchre WH - - N.	9,591	1	15	1	2	-	-	-	-	-	-	-	-	-	-	3	3	13		
allows Barking - - - N.	9,059	3	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-		
ad Street H - - N.	2,892	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
of London Asylum, Stone - -	†388	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
EAST DISTRICTS.																				
reditch South HL - - E. & N.	17,975	8	10	4	1	-	-	-	-	-	-	-	-	-	4	-	2	1		
ton New Town w - - N.	29,575	17	14	5	4	-	-	-	1	1	-	-	-	-	1	1	4	5		
ton Old Town - - N.	27,645	17	19	13	2	-	-	-	-	-	-	-	-	-	8	-	-	-		
ngerston WH - - N. & E.	47,163	31	26	10	5	-	-	-	-	-	-	-	-	-	6	3	6	5		
nal Green North H - - E.	49,301	34	24	10	5	-	-	-	-	-	-	-	-	-	8	-	1	-		
nal Green South - - E.	34,194	29	15	9	1	-	-	-	-	-	-	-	-	-	5	-	1	-		
nal Green East WHL - - E.	45,667	33	34	13	9	-	-	-	-	-	-	-	-	-	7	2	2	16		
alfields - - - F. & N.	26,681	14	5	3	-	-	1	-	-	-	-	-	-	-	1	-	1	-		
End New Town* WH - - E.	51,995	27	63	23	3	-	-	-	-	-	-	-	-	-	7	5	11	56		
Edman's Fields* - - E.		15	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
George's North - - - E.	39,576	39	11	7	1	-	-	-	-	-	-	-	-	-	4	-	-	-		
ohn, St. George East W E.	7,930	5	11	3	4	-	-	-	-	-	-	-	-	-	4	-	-	8		
dwell H - - - E. & N.	10,434	14	14	7	-	-	-	-	-	-	-	-	-	-	5	2	2	8		
cliff W - - - E.	14,954	8	10	5	2	-	-	-	-	-	-	-	-	-	1	-	-	-		
ehouse - - - E.	32,917	18	17	8	4	-	1	-	-	-	-	-	-	-	3	-	1	-		
End Old Town West H E.	111,060	52	21	16	1	-	-	-	1	-	-	-	-	-	6	-	1	-		
End Old Town East W E.		50	29	13	6	-	-	-	2	2	-	-	-	-	8	1	1	4		
W w w																				
v l - - - E.	41,687	35	18	9	2	-	-	-	1	-	-	-	-	-	4	1	3	-		
mley w w w H - - - E.	69,821	43	49	23	8	-	3	-	2	-	1	-	-	-	15	1	8	18		
olar WW - - - E.	57,759	30	30	16	2	-	1	-	1	-	1	-	-	-	10	2	2	-		

† Population in 1891, not included in the total population of the Central Districts or of London.

Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-





TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 19th August, 1899.

The DEATHS registered in the Week include																			
REGISTRATION SUB-DISTRICTS	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.					
LONDON—OUTER RING	368,749	1,422,063	1174	949	575	108	-	12	1	13	19	3	323	18	41	61	6		
1 Carshalton WHH - - -	12,228	26,108	12	7	4	-	-	-	-	1	-	-	1	-	-	-	-		
2 Epsom, part of* WWHH - -	10,423	12,508	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 Godstone, part of* W - -	2,754	1,598	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 Croydon WWHH - - -	20,851	128,899	69	64	43	10	-	-	-	-	4	-	14	1	4	2	-		
2 Mitcham w - - -	11,697	23,072	14	8	7	1	-	-	-	-	-	-	4	1	1	-	-		
1 Wimbledon HHH - - -	3,220	25,777	28	16	8	1	-	-	-	-	-	-	4	-	1	-	-		
2 Kingston WH - - -	14,672	33,566	33	23	12	4	-	-	-	-	-	-	6	1	3	5	-		
3 Surbiton H - - -		12,178	8	5	3	2	-	-	-	-	-	-	1	-	-	-	-		
4 Esher, part of* HH - - -		11,080	7	2	1	-	-	-	-	-	-	-	-	-	2	-	-		
5 Hampton HL - - -		18,252	10	15	9	2	-	-	1	-	-	-	7	-	-	-	-		
1 Richmond WH - - -	2,160	25,389	14	15	5	2	-	-	-	1	1	-	2	-	2	3	-		
2 Mortlake H - - -	2,823	16,159	13	9	6	1	-	-	-	-	1	-	2	-	-	-	-		
1 Bromley HHH - - -	9,127	23,815	18	8	7	-	-	-	-	-	-	-	2	-	-	-	-		
2 Beckenham H - - -	6,542	21,969	13	8	8	-	-	-	-	-	-	-	2	-	-	-	-		
3 Chislehurst, part of* WHH	14,307	20,372	8	14	4	6	-	-	-	-	-	-	1	2	3	4	-		
1 Bexley HHH - - -	12,540	30,590	32	23	12	2	-	-	-	-	-	-	12	1	1	-	1		
2 Dartford WH, part of* - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 Sunbury w - - -	11,054	13,671	13	10	4	3	-	-	-	-	1	1	3	-	-	-	-		
2 Staines WH - - -	13,277	13,221	5	5	2	2	-	-	-	-	1	-	1	-	1	-	-		
1 Hillingdon WHH - - -	6,035	12,237	7	10	5	1	-	-	-	1	1	-	3	-	1	2	-		
2 Uxbridge - - -	12,757	7,253	-	3	2	-	-	-	-	-	-	-	2	-	-	-	-		
3 Hayes wH - - -	7,952	11,051	7	2	2	-	-	-	-	-	-	-	1	-	-	-	-		
1 Isleworth WHH - - -	6,967	26,004	39	22	9	6	-	-	-	-	-	-	5	-	1	6	-		
2 Twickenham HH - - -	2,415	16,027	8	10	5	2	-	-	-	1	-	-	1	-	1	1	-		
3 Brentford HHHH - - -	4,318	37,777	26	21	13	1	-	1	-	-	-	-	11	-	-	-	-		
4 Chiswick - - -	1,245	21,963	12	15	12	-	-	-	-	-	-	-	7	-	-	-	-		
5 Acton WHH - - -	6,132	30,945	17	12	7	2	-	-	-	-	1	-	4	-	-	-	-		
1 Harrow HHH - - -	13,809	15,715	15	8	4	3	-	-	-	1	-	-	2	1	-	-	-		
2 Edgware HH - - -	6,994	3,844	2	2	1	-	-	-	-	-	-	-	1	-	-	-	1		
3 Willesden HHH - - -	4,383	61,265	70	62	38	4	-	2	-	1	2	-	17	1	2	1	-		
4 Hendon WH - - -	8,382	15,843	14	10	3	3	-	1	-	-	-	-	3	-	-	1	-		
1 South Mimms HH - - -	21,077	6,367	6	3	1	1	-	-	-	-	-	-	-	-	-	-	-		
2 Barnet WHH - - -		14,152	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
3 Finchley HHH - - -		25,820	18	13	10	1	-	-	-	1	1	-	8	-	-	-	-		
1 Hornsey HH - - -	3,039	61,097	49	26	19	1	-	-	-	-	-	-	13	-	-	-	-		
2 Tottenham HH - - -	4,642	97,174	75	71	46	5	-	2	-	1	-	-	27	1	4	2	-		
3 Edmonton WWH - - -	7,489	36,351	45	32	14	7	-	-	-	-	1	-	14	1	1	6	1		
4 Enfield WWHH - - -	12,602	31,536	24	26	18	2	-	-	-	-	-	-	12	-	-	1	-		
5 Waltham Abbey - - -	11,017	6,066	3	1	1	-	-	-	-	-	-	-	1	-	-	-	-		
Cheshunt H - - -	8,480	9,620	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
Hatfield, part of* W - -	3,306	582	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bushey H - - -	9,331	7,737	4	3	1	2	-	-	-	-	-	-	-	-	-	-	-		
Watford WH, part of* - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Stratford H - - -	4,706	38,612	27	20	14	2	-	1	-	-	-	-	13	-	-	1	1		
Plaistow WWHH - - -		59,030	58	52	36	1	-	1	-	3	2	-	11	-	-	5	1		
Canning Town H - - -		54,750	52	42	22	3	-	-	-	-	1	1	19	2	2	2	1		
Forest Gate w - - -		53,511	32	26	18	4	-	-	-	-	-	-	8	-	-	-	-		
East Ham WHH - - -	3,266	32,713	61	59	48	1	-	-	-	-	1	-	31	-	-	-	-		
Leyton WWHH - - -	4,334	70,188	74	45	21	11	-	1	-	-	-	-	16	1	4	10	-		
Walthamstow HHL - - -	6,501	57,330	62	62	39	3	-	3	-	1	2	-	16	1	3	1	-		
Chigwell, part of* HHHH	11,779	12,941	4	11	4	2	-	-	-	-	-	-	2	3	3	2	-		
Epping WH, part of* - -	-	-	-	1	-	-	-	-	-	-	-	-	-	1	1	1	-		
Romford, part of* WH - -	6,556	4,324	3	5	2	-	-	-	-	-	-	-	-	-	-	3	-		
Ilford - - -	8,493	10,913	27	21	16	1	-	-	-	1	-	-	6	-	-	-	-		
Barking Town, H - - -	3,814	14,301	13	13	8	3	-	-	-	-	-	-	7	1	1	-	-		
Middlesex County Asylum, Wandsworth.	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-		

Parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warrington and Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chislefield, Cudham, and Knockholt (pop. 3,087); 35: 1, the parish of Northaw in

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS AND RATE OF MORTALITY during the week ending Saturday, 19th August, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE OF MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include									
			From All Causes.	From Diseases in Cols. 9-14.		Deaths of		Deaths from							
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
GREATER LONDON	443,421	6,528,434	25.2	7.8	3157	1618	441	-	60	9	46	47	14	804	8
INNER LONDON -	74,672	4,546,752	25.3	7.0	2208	1043	333	-	48	8	33	28	11	481	70
OUTER RING -	368,749	1,981,682	25.0	9.8	949	575	108	-	12	1	13	19	3	323	18

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	
EDINBURGH	298,927	Aug. 19	164	101	17.6	-	-	-	-	2	2	
GLASGOW	733,903	" 19	432	300	21.3	-	16	4	1	6	1	
DUBLIN	349,594	" 19	184	234	34.9	-	10	-	1	7	2	
CALCUTTA	466,460	July 15	-	181	20.2	-	-	-	-	-	53†	
BOMBAY	821,764	" 25	184	541	34.2	9	9	?	?	?	116†	
MADRAS	452,518	" 7	346	264	30.3	-	3	?	?	?	47	
PARIS	2,511,629	Aug. 12	1060	926	19.1	-	22	2	4*	8	32	
BRUSSELS	551,011	" 12	264	199	18.5	-	-	-	-	1	1	
AMSTERDAM	517,595	" 5	324	169	17.0	-	-	-	-	-	-	
ROTTERDAM	315,805	" 5	221	128	21.2	-	1	1	-	3	1	
THE HAGUE	199,285	" 5	133	67	17.5	-	-	-	-	-	-	
COPENHAGEN	345,000	" 12	235	128	19.3	-	-	1	1	1	2	
STOCKHOLM	291,580	" 5	141	104	18.5	-	1	-	4*	-	-	
CHRISTIANIA	221,073	" 12	105	98	22.4	-	-	-	-	-	-	
ST. PETERSBURG	1,132,677	" 5	587	590	27.2	1	13	13	24	2	28	
MOSCOW	988,610	" 5	-	766	40.4	1	5	7	6	3	1	
BERLIN	1,318,517	July 29	864	750	21.5	-	18	8	5	11	1	
HAMBURG	675,351	Aug. 12	-	337	25.9	-	-	3	1*	4	-	
DRESDEN	394,900	July 22	-	143	18.9	-	1	-	3*	-	-	
BRESLAU	406,012	Aug. 12	-	247	31.7	-	3	8	-	-	-	
MUNICH	445,000	" 5	323	201	23.5	-	-	-	-	-	-	
VIENNA	1,623,134	" 12	964	619	19.8	-	14	2	3*	2	-	
PRAGUE	384,622	" 12	152	139	18.8	-	3	2	1	2	1	
BUDA-PESTH	666,722	" 5	441	278	21.7	-	1	7	3	-	1	
TRIESTE	166,599	July 29	98	82	25.6	-	-	1	1*	1	1	
ROME	505,850	" 22	170	147	15.2	-	-	1	-	-	8§	
TURIN (10 days)	344,203	" 10	-	-	-	-	-	-	-	-	-	
VENICE	171,023	Aug. 5	75	64	19.5	-	-	-	1*	-	1	
CAIRO	570,082	-	-	-	-	-	-	-	-	-	-	
ALEXANDRIA	319,766	-	-	-	-	-	-	-	-	-	-	
NEW YORK (including BROOKLYN)	3,550,053	July { 15 1413 1652 22 1285 1559			24.3 22.9	-	11 13	6 10	25 42	16 19	11 8	
PHILADELPHIA	1,266,832	" 29	-	481	19.8	-	1	-	11	2	8	



DATE.	EXEUTORY. (For explanation of symbols, see Note.)	Registered Sunshine in hours.	Sun above Horizon, in hours.	GENERAL REMARKS.
SUNDAY - 13	w. P. generally	11 <sup>14</sup>	14 <sup>47</sup>	Very fine; cloudless in morning; partially cloudy till evening; cloudless at night.
MONDAY - 14	w. P. throughout	6 <sup>0</sup>	14 <sup>48</sup>	Cloudy in morning; fine and partially cloudy in afternoon; cloudless at night.
TUESDAY - 15	w. P. till 4h. P.M.; m. N. shortly before 3h. P.M.; v. P. after- wards	7 <sup>3</sup>	14 <sup>48</sup>	Fine and partially cloudy till afternoon; cloudy and threatening afterwards. Light- ning at night. Sultry.
WEDNESDAY 16	w. P. and m. P.	8 <sup>1</sup>	14 <sup>45</sup>	Fine and partially cloudy.
THURSDAY - 17	w. P. in morning; v. P. afterwards.	10 <sup>8</sup>	14 <sup>4</sup>	Fine; partially cloudy. Lightning in even- ing. A few drops of rain about 9h. P.M.
FRIDAY - 18	w. P. in morning; v. P. afterwards.	4 <sup>9</sup>	14 <sup>4</sup>	Fine and partially cloudy in morning; generally overcast afterwards.
SATURDAY - 19	w. P. and m. P.	0 <sup>9</sup>	14 <sup>3</sup>	Overcast generally, and occasionally showery till evening; very fine with little cloud at night.
		Sum 49 <sup>4</sup>	Sum 101 <sup>5</sup>	
No. of Col. -	27	28	29	



LONDON:  
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1899.

# WEEKLY RETURN

## OF

# BIRTHS AND DEATHS IN LONDON

## AND IN

# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

Printed under the Superintendence of Her Majesty's Stationery Office,

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No. 34. 1899. VOL. LX.] WEEK ENDING SATURDAY, AUGUST 26. [Price 1½d.

General Register Office, Somerset House,  
August 28th, 1899.

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 26·8 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Aug. 5.	Aug. 12.	Aug. 19.	Aug. 26.		Aug. 5.	Aug. 12.	Aug. 19.	Aug. 26.
33 Great Towns	24·6	24·3	25·7	26·8	Leicester	-	-	23·7	20·0
Birkenhead	-	19·5	18·6	22·2	Liverpool	-	-	31·5	33·6
Birmingham	-	24·6	27·0	30·0	London	-	-	25·2	23·7
Blackburn	-	13·9	14·7	16·2	Manchester	-	-	29·0	32·3
Bolton	-	18·0	19·6	20·6	Newcastle-on-Tyne	-	-	27·6	22·4
Bradford	-	18·8	20·1	19·4	Norwich	-	-	20·7	23·9
Brighton	-	16·1	23·3	33·9	Nottingham	-	-	28·1	28·1
Bristol	-	21·0	17·1	24·0	Oldham	-	-	16·3	21·8
Burnley	-	30·0	26·3	38·3	Plymouth	-	-	32·6	36·3
Cardiff	-	16·3	19·4	23·6	Portsmouth	-	-	28·2	27·9
Croydon	-	12·7	19·2	20·8	Preston	-	-	15·5	24·8
Derby	-	12·7	21·1	23·0	Salford	-	-	29·6	28·4
Gateshead	-	12·7	21·0	20·1	Sheffield	-	-	37·4	30·3
Halifax	-	15·5	16·0	12·8	Sunderland	-	-	18·6	17·5
Huddersfield	-	19·2	13·6	13·6	Swansea	-	-	21·1	17·6
Hull	-	18·3	21·4	24·7	West Ham	-	-	27·4	28·7
Leeds	-	24·5	21·3	22·6	Wolverhampton	-	-	20·5	19·4

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Manchester, 1·1 in Sunderland, 1·2 in Salford and in Sheffield, and 1·4 in Burnley; from *scarlet fever*, 1·5 in Derby; from *whooping-cough*, 1·0 in Huddersfield, 1·1 in Portsmouth and in Leeds, and 1·5 in Gateshead; from "*fever*," 1·2 in Blackburn, and 1·4 in Birkenhead; and from *diarrhœa*, 6·2 in Oldham, 6·5 in Wolverhampton, 7·2 in Sunderland, 7·3 in Gateshead, 7·5 in Sheffield, 7·8 in Bristol, 8·3 in Plymouth, 8·5 in West Ham, 8·8 in Salford, 9·0 in Bolton, 9·3 in Preston, 9·6 in Nottingham, 10·4 in Cardiff, 10·6 in Norwich, 10·7 in Hull, 11·2 in Leicester, 11·5 in Portsmouth, 11·7 in Birmingham, 12·0 in Manchester, 12·7 in Liverpool, 13·4 in Burnley, and 16·5 in Brighton. The 72 deaths from *diphtheria* included 29 in London, 7 in Sheffield, 5 in Liverpool, 4 in West Ham, 4 in Birmingham, 4 in Leicester, 4 in Leeds, 3 in Manchester, and 3 in Salford. One death from *small-pox* was registered in Hull, but not one in any other of the thirty-three towns.

### LONDON.

In LONDON† 2646 BIRTHS and 2100 DEATHS were registered. Allowing for increase of population, the births were 15, and the deaths 507,

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7 added to the Outer Ring, or to other areas to which they belong.

above the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 25·2, 23·7, and 25·3, in the preceding three weeks, fell again last week to 24·1. During the four weeks ending on Saturday last the death-rate averaged 24·6 per 1000, being 4·9 per 1000 above the mean rate in the corresponding periods of the ten years 1889-98.

The 2100 deaths included 52 from measles, 7 from scarlet fever, 29 from diphtheria, 17 from whooping-cough, 16 from enteric fever, 426 from diarrhoea and dysentery, 21 from cholera and choleraic diarrhoea, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 568 deaths were referred to these diseases, being 215 above the corrected average weekly number.

The deaths from *measles*, which had been 60, 54, and 48 in the preceding three weeks, rose again last week to 52, and were 17 above the corrected average; 8 cases belonged to Bermondsey, 7 to Newington, 7 to Greenwich, and 5 to Lambeth sanitary areas. The deaths from *scarlet fever*, which had been 6, 8, and 8 in the preceding three weeks, were 7 last week, the corrected average being 20. The deaths from *diphtheria*, which had been 44, 26, and 33 in the preceding three weeks, fell again last week to 29, and were 8 below the corrected average; 5 cases belonged to Battersea and 3 to Islington sanitary areas. The deaths from *whooping-cough*, which had been 27, 16, and 28 in the preceding three weeks, fell again last week to 17, and were 12 below the corrected average. The fatal cases of *enteric fever*, which had been 13, 12, and 11 in the preceding three weeks, rose again last week to 16, and were 4 above the corrected average; 3 cases belonged to Camberwell and 2 to Kensington sanitary areas. The deaths from *diarrhoea*, which had been 477, 463, and 481 in the preceding three weeks, fell again last week to 426, but were 213 above the corrected average. Of the 426 deaths from diarrhoea, 398 were of children under 5 years of age; 198 more deaths at this age-group were described as due to *gastro-enteritis*, which appears as a separate heading in Table 4. The deaths referred to diseases of the respiratory organs, which had been 157, 163, and 148 in the preceding three weeks, rose again last week to 170, and were 14 above the corrected average. The deaths attributed directly to *influenza* numbered 3, having been 2, 3, and 4 in the preceding three weeks.

Different forms of violence caused 60 deaths, concerning all but 3 of which inquests were held. Of these 60 deaths, 8 were cases of suicide, while the remaining 52 were attributed to accident or negligence. Eight of these were referred to vehicles in the streets, 5 to drowning, 2 to sunstroke, and 7 (including 6 of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2547 cases of scarlet fever, 1512 of diphtheria, and 203 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 225 cases, against 297, 227, and 245; of diphtheria, 188 cases, against 216, 148, and 172; and of enteric fever, 28 cases, against 50, 42, and 38.

#### GREATER LONDON.

In Greater London 3752 births and 3008 deaths were registered, corresponding to annual rates of 30·0 and 24·0 per 1000 of the estimated population. In the Outer Ring 5 deaths from measles, 3 from scarlet fever, 7 from diphtheria, 7 from whooping-cough, 6 from "fever," and 293 from diarrhoea were registered. Six deaths from diphtheria and 98 from diarrhoea occurred in West Ham district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 30·01 inches, and that of the Thermometer 66°·4; the latter being 5°·4 above the week's average in the 50 years 1841-90. The direction of the wind was Easterly, the horizontal movement of the air being 27 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 74·8 hours; the measured rainfall amounted to 0·00 inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases, the diagnosis is found after sojourn in the Hospital to have been erroneous.



CITIES AND BOROUGHES.	POPULATION at the middle of the year 1891.	the Week ending 26th August 1899.			Deaths of Persons aged 1 Year of Age.		Deaths from										Deaths corresponding to the Week's Deaths.			Mean.		RAINFALL.											
		BIRTHS.	DEATHS.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.	CITIES AND BOROUGHES.	In Inches.	In Centi- metres.				
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	0.01	0.33	33 TOWNS.							
-	11,404,408	6776	5868	2821	829	1	105	25	72	71	58	1587	141	277	914	44	2678	873	893	450	64.5	18.06	0.01	0.33	-	33 TOWNS.							
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	LONDON.	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	WEST HAM.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CROYDON.
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	PORTSMOUTH.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	PLYMOUTH.
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\* See note \* on first page of this return.

TABLE 2. LONDON.—Births and Deaths Registered in the THIRTY-FOURTH Week of each of the Eleven Years, 1889–99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889–98.*	1899
<b>TOTAL Births</b>	2358	2487	2501	2495	2571	2378	2448	2498	2718	2551	2630·8	2646
Males - -	1218	1266	1234	1237	1306	1201	1235	1254	1409	1283	1330·2	1354
Females - -	1140	1221	1267	1258	1265	1177	1213	1244	1309	1268	1300·6	1292
<b>TOTAL Deaths</b>	1240	1629	1403	1406	1718	1284	1430	1426	1748	1856	1592·9	2100
Males - -	674	794	735	736	901	633	705	720	924	985	821·4	1104
Females - -	566	835	668	670	817	651	725	706	824	871	771·5	996

\* The numbers in this column are the average weekly numbers in the thirty-fourth week of the ten years 1889–98, raised by 5·213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	June 3.	June 10.	June 17.	June 24.	July 1.	July 8.	July 15.	July 22.	July 29.	Aug. 5.	Aug. 12.	Aug. 19.	Aug. 26.
<b>TOTAL Births</b>	2678	2445	2571	2422	2441	2484	2351	2444	2494	2577	2214	2671	2646
<b>TOTAL Deaths</b>	1483	1365	1316	1355	1297	1310	1387	1589	1884	2200	2068	2208	2100
<b>Ages at Death</b>													
Under 1 year - -	281	281	299	272	264	299	367	556	805	1049	1015	1043	916
1–5 years - -	168	218	173	199	156	184	175	201	223	237	242	242	255
5–20 " - -	92	79	71	91	78	86	82	85	98	99	74	88	89
20–40 " - -	211	197	171	215	212	167	171	151	161	203	163	204	220
40–60 " - -	351	264	290	279	287	255	271	279	269	310	289	298	289
60–80 " - -	310	289	260	254	240	270	270	264	264	238	244	262	264
80 years and upwards	70	57	52	45	60	59	51	63	64	64	41	71	58
<b>Deaths from—</b>													
Small pox - -	-	1	-	-	-	51	50	1	-	56	60	54	52
Measles - -	67	93	64	65	11	12	48	46	5	5	8	8	7
Scarlet Fever - -	4	5	7	4	11	12	4	8	35	44	26	33	29
Diphtheria - -	24	28	35	28	25	31	37	42	35	44	26	33	29
Whooping-cough - -	33	27	35	35	26	27	26	20	19	27	16	28	17
Typhus - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever - -	6	7	6	6	11	7	6	8	13	13	12	11	10
Simple Continued Fever - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhœa and Dysentery ..	13	12	12	9	20	28	75	185	350	477	463	481	426
Cholera - -	-	-	-	1	-	-	2	7	12	21	21	16	21
<b>All the above Diseases</b>	147	173	159	148	144	155	199	316	490	648	600	625	568
<b>Dis. of Respiratory System—</b>													
Phthisis - -	240	216	207	190	159	194	176	149	169	157	163	148	170
Dis. of Circulatory System - -	165	141	133	153	139	115	116	112	145	134	151	151	151
Violence - -	169	110	125	116	124	114	122	116	123	110	96	114	112
Inquest Cases - -	66	80	60	86	73	49	67	77	82	91	72	70	60
Deaths in Public Institutions - -	152	156	124	162	143	120	128	137	156	161	151	153	139
<b>TEMPERATURE OF THE AIR.</b>													
Mean - -	58·4	61·1	58·3	60·7	62·3	62·3	66·2	70·2	64·8	67·5	68·8	66·5	66·4
Mean of Highest readings - -	70·8	73·3	69·3	69·7	73·1	71·9	77·7	83·2	75·4	78·8	74·6	77·4	79·8
Mean of Lowest readings - -	43·6	49·1	45·1	53·7	53·8	54·3	56·9	57·9	55·3	57·3	55·7	57·2	53·6
<b>Humidity of the Air</b>	60	64	67	73	68	71	67	58	67	69	73	64	63
<b>Rain-fall (in inches)</b>	0·00	0·00	0·00	0·51	0·74	0·13	0·09	0·06	0·97	0·09	0·02	0·00	0·00
<b>Registered Sunshine (in hours)</b>	95·9	72·1	68·0	26·2	43·9	31·4	49·4	71·0	63·6	79·7	54·9	49·4	74·8
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - -	1	1	1	1	2	2	2	2	1	1	1	1	1
Scarlet Fever - -	2212	2269	2280	2367	2430	2530	2602	2653	2667	2704	2674	2612	2547
Diphtheria - -	1134	1159	1170	1230	1280	1347	1434	1488	1545	1536	1519	1509	1512
Enteric Fever - -	99	97	93	109	105	94	99	104	131	158	183	186	205

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott Esq., Bristol; E. Simpson, Esq., Wrothesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boothby, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.



TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-FOURTH Week of the Year 1899.

USES OF DEATH		Corrected Averages for the 34th Week of the 10 years 1889-98.	In the Week ending Saturday, 26th August 1899.								CAUSES OF DEATH	Corrected Averages for the 34th Week of the 10 years 1889-98.	In the Week ending Saturday, 26th August 1899.									
			Deaths of Persons of the Ages										Deaths of Persons of the Ages									
			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.		
				0-1.	1-5.	5-20.								0-1.	1-5.	5-20.						
USES	-	1592.9	2100	916	255	89	229	289	264	58	Diseases of Circulatory System	112.2	112	-	-	10	26	40	32	4		
Vaccinated	-	0.3	-	-	-	-	-	-	-	-	Croup	3.1	2	-	2	-	-	-	-	-	-	
Unvaccinated	-	0.6	-	-	-	-	-	-	-	-	Bronchitis	71.5	75	20	13	1	4	8	26	3	-	
No Statement	-	0.2	-	-	-	-	-	-	-	-	Pneumonia	62.9	73	17	21	3	8	12	9	3	-	
Fever	-	34.9	52	11	39	2	-	-	-	-	Pleurisy	3.7	2	-	-	1	1	-	-	-	-	
Ang Fever	-	19.5	-	-	6	1	-	-	-	-	Other Diseases of Respiratory System	14.3	18	6	3	-	1	2	5	1	-	
za	-	0.1	-	-	-	-	-	-	-	-	Dentition	8.8	9	6	3	-	-	-	-	-	-	
ing Fever	-	3.4	3	1	-	1	-	1	-	-	Quinsy, Sore Throat	1.5	-	-	-	-	-	-	-	-	-	
ing-cough	-	29.1	17	8	9	-	-	-	-	-	Enteritis	70.6	34	21	3	4	1	3	1	1	-	
eria	-	36.8	29	3	21	5	-	-	-	-	Gastro-enteritis	7.7	21.5	17	26	2	4	6	3	2	-	
Continued and	-	0.1	-	-	-	-	-	-	-	-	Peritonitis	28.5	5	1	-	1	2	1	-	-	-	
ined Fever	-	11.8	16	-	-	6	8	2	2	-	Diseases of Liver	31.0	39	3	-	3	21	11	1	-	-	
ea, Chol. Diarr.	-	6.7	21	13	3	1	-	2	-	-	Other Diseases of Digestive System	1.7	4	-	-	-	1	1	-	-	-	
ea, Dysentery	-	212.7	426	349	49	-	5	5	16	2	Diseases of Lymphatic System & of Ductless Glands	38.5	56	-	-	3	11	20	19	3	-	
ent Fever	-	0.1	-	-	-	-	-	-	-	-	Diseases of Urinary System	6.1	7	-	-	1	4	2	-	-	-	
phobia	-	0.1	-	-	-	-	-	-	-	-	Accidents of Childbirth	4.6	4	-	-	1	3	-	-	-	-	
rs	-	0.1	-	-	-	-	-	-	-	-	Diseases of Locomotive System	4.2	6	-	-	2	3	-	1	-	-	
x and Effects of	-	9.4	12	5	1	-	1	1	4	-	Diseases of Integumentary System	6.1	7	2	1	-	1	1	2	-	-	
ation	-	5.1	5	2	-	-	1	1	1	-	VIOLENT DEATHS.†											
al Affections	-	1.6	1	1	-	-	-	-	-	-	(ACCIDENT.)											
las	-	4.1	2	-	-	1	1	-	-	-	By Railways	49.9	2	-	-	2	-	-	-	-	-	
a and Septicæmia	-	1.3	1	-	-	1	-	-	-	-	By Vehicles or Horses	8	-	-	1	4	2	1	-	-	-	
ral Fever	-	1.7	1	1	-	-	-	-	-	-	In Ships, Boats, Docks, (exclusive of Drowning)	1	-	-	-	-	1	-	-	-	-	
ymotic Diseases	-	0.4	-	-	-	-	-	-	-	-	In Building Operations - In Conflagrations -	1	-	-	-	-	-	1	-	-	-	
and other Para-	-	1.7	1	1	-	-	-	-	-	-	By Burns, Scalds, Explosions	4	-	1	-	3	-	-	-	-	-	
Diseases	-	0.4	-	-	-	-	-	-	-	-	By Drowning	5	-	-	1	4	-	-	-	-	-	
on, Want of	-	1.8	1	1	-	-	-	-	-	-	By Suffocation in Bed	7	6	-	-	1	-	-	-	-	-	
t-milk	-	12.0	17	-	-	10	6	1	-	-	By Poisons or Poisonous Vapours	2	-	1	-	1	-	-	-	-	-	
ism	-	12.0	17	-	-	10	6	1	-	-	Other or not stated causes	22	3	4	3	2	5	4	1	-	-	
atic Fever, Matism of Heart	-	8.8	8	-	-	3	3	1	1	-	(VIOLENCE OTHER THAN ACCIDENTAL.)											
atism	-	1.5	5	-	-	-	-	2	2	1	Homicide	1.4	-	-	-	-	-	-	-	-	-	
	-	3.8	1	-	-	-	-	-	1	-	Suicide	6.8	8	-	-	1	1	4	1	1	-	
	-	6.3	7	5	2	-	-	-	-	-	Execution	-	-	-	-	-	-	-	-	-	-	
	-	72.2	77	-	-	10	34	32	1	-	OTHER CAUSES	73.7	82	76	2	-	-	1	3	-	-	
esenterica	-	38.0	37	26	7	2	-	-	-	-												
ular Meningitis	-	25.4	28	14	9	4	1	-	-	-												
a, Tuberculosis	-	139.4	161	2	2	8	70	59	10	-												
Constitutional	-	18.6	24	7	3	5	6	2	1	-												
ses	-	10.3	14	-	1	2	3	2	5	1												
ure Birth	-	49.2	50	50	-	-	-	-	-	-												
asis	-	2.4	5	5	-	-	-	-	-	-												
ital Malforma-	-	6.5	5	5	-	-	-	-	-	-												
e	-	43.7	43	-	-	-	-	21	22	-												
ky	-	35.8	41	2	-	-	3	13	17	6												
y	-	7.0	5	-	-	1	3	-	-	1												
sions	-	42.7	38	35	3	-	-	-	-	-												
Diseases of Brain	-	75.5	95	22	12	7	14	17	22	1												
ervous System	-	75.5	95	22	12	7	14	17	22	1												
s of Organs of	-	3.2	5	1	1	3	-	-	-	-												
al Sense	-	3.2	5	1	1	3	-	-	-	-												

numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical attendants. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the death is not certified by a registered practitioner, the case is returned under the heading "no statement." Evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered in SUB-DISTRICT during the Week ending Saturday, 26th August, 1899.

The DEATHS registered during the Week include																		
REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from												Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.		
LONDON -	4,411,710	2,646	2,100	916	322	-	52	7	29	17	-	16	-	426	60	139	528	
WEST DISTRICTS.																		
WEST DISTRICTS - - -	778,251	399	353	161	53	-	3	-	1	3	-	3	-	65	8	22	91	
NORTH DISTRICTS - - -	1,040,694	599	423	180	71	-	5	3	9	12	-	2	-	76	11	28	91	
CENTRAL DISTRICTS - - -	233,635	136	115	51	19	-	-	-	-	-	-	-	-	20	4	5	45	
EAST DISTRICTS - - -	716,334	543	379	145	68	-	3	-	3	5	-	4	-	68	18	54	100	
SOUTH DISTRICTS - - -	1,642,796	969	801	379	102	-	41	3	16	7	-	7	-	196	19	30	164	
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*	-	-	29	-	9	-	-	1	-	-	-	-	-	1	-	-	29	
WEST DISTRICTS.																		
St. Mary Paddington } G. & W.	90,996	57	37	18	7	-	-	-	-	-	-	-	-	4	1	2	7	
WHH																		
St. John Paddington H - - G.	33,510	7	6	1	2	-	-	-	-	-	-	-	-	-	1	1	3	
Kensington Town Ww - - W.	122,164	68	60	16	15	-	2	-	-	-	-	1	-	3	4	8	16	
Brompton HH- - W. & C.	48,301	11	6	2	2	-	-	-	-	-	-	-	-	2	-	-	1	
North Hammersmith† H } W. & G }	44,638	21	16	8	-	-	-	-	-	-	-	-	-	5	-	-	6	
South Hammersmith† H }	59,561	28	31	17	3	-	-	-	-	1	-	-	-	9	-	2	6	
Fulham Ww - - W. & C.	113,781	103	81	53	5	-	-	-	1	1	-	1	-	25	1	4	15	
Chelsea Kensal Town - - C.	21,450	9	10	8	1	-	1	-	-	-	-	-	-	2	-	-	1	
Chelsea North WHHHHH - C.	42,057	18	19	7	3	-	-	-	-	-	-	-	-	1	-	1	10	
Chelsea South HH - - C.	33,139	17	15	5	4	-	-	-	-	-	-	-	-	2	1	3	7	
May Fair W - - - G.	23,827	6	14	1	4	-	-	-	-	-	-	-	-	1	-	-	11	
Belgrave WHHH - - C.	56,140	16	37	14	5	-	-	-	-	-	-	1	-	4	-	1	10	
St. John Westminster HH - C.	31,492	17	12	8	-	-	-	-	-	-	-	-	-	5	-	-	1	
St. Margaret Westminster H- C.	22,097	7	2	1	-	-	-	-	-	-	-	-	-	1	-	-	1	
St. James Westminster } N. & G.	23,050	11	5	1	2	-	-	-	-	1	-	-	-	1	-	-	1	
WHH																		
St. Anne Soho HHHHHH - N.	12,048	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH DISTRICTS.																		
All Souls Marylebone } - - W.	36,595	7	18	5	2	-	-	-	-	-	-	1	-	2	1	2	1	
HHHHHHHHH																		
Rectory Marylebone W } G. & W.	19,798	13	7	2	1	-	-	-	-	-	-	-	-	2	1	1	1	
St. Mary Marylebone } G. & W.	19,637	40	5	1	3	-	-	-	-	-	-	-	-	2	-	-	-	
HHHH																		
Christchurch Marylebone H - W	32,547	13	8	5	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. John Marylebone HHH - W.	32,611	13	11	5	-	-	-	-	-	-	-	-	-	1	-	-	-	
Hampstead } - - N. & W.	75,449	23	34	7	7	-	-	1	3	-	-	1	-	4	1	3	1	
WwHHHH																		
Regent's Park Pancras HH - W.	37,341	20	6	2	2	-	-	-	1	-	-	-	-	-	-	-	-	
Tottenham-court } - N. & W.	26,757	10	14	2	3	-	-	-	-	-	-	-	-	1	1	4	1	
wHHHH																		
Gray's Inn Lane HHH - - N.	29,426	12	8	3	1	-	-	-	-	-	-	-	-	2	-	-	-	
Somers Town HH - - N.	32,161	15	14	6	-	-	-	-	-	-	-	-	-	2	1	3	1	
Camden Town WH - - N.	16,669	15	13	2	6	-	2	-	-	-	-	-	-	1	-	1	1	
Kentish Town WW - - N.	98,410	50	39	21	5	-	-	-	1	-	-	-	-	10	-	2	2	
Upper Holloway } - - N.	98,273	67	69	24	17	-	-	-	-	-	-	-	-	6	2	3	2	
WWWwHH																		
Islington South-west H - N.	107,365	74	39	21	4	-	2	-	-	2	-	-	-	12	-	-	-	
Islington South-east - - N.	66,549	40	21	16	2	-	-	-	-	-	-	-	-	9	-	-	-	
Highbury HH - - N.	64,577	35	27	17	5	-	-	-	-	-	-	-	-	5	1	2	1	
Stoke Newington H - - N.	33,485	21	11	8	2	-	-	-	-	-	-	-	-	3	-	-	-	
North Hackney - - E. & N.		30	15	7	1	-	-	-	-	-	-	-	-	2	-	2	-	
Central Hackney ww - E. & N.		29	21	8	2	-	-	1	4	-	-	-	-	4	-	-	-	
South-west Hackney HHH E. & N.	213,044	35	20	5	5	-	-	-	-	-	-	-	-	4	3	4	1	
South-east Hackney WwH E. & N.		37	23	13	2	-	1	1	-	-	-	-	-	4	-	-	-	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there-  
 namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other Dis-  
 tricts than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which pauper  
 received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. St. George's  
 Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. New  
 River; E. East London; and K. the Kent Company.

\* See note on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and  
 re-named North Hammersmith and South Hammersmith, respectively.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 26th August, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation 1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include														Deaths in Public Institutions	Un- certified Causes of
				Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from													
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Liquor Cases.			
CENTRAL DISTRICTS.																			
St. George Bloomsbury - - N.	16,116	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South WH - - N.	12,976	13	4	1	2	-	-	-	-	-	-	-	-	-	1	-	-	-	2
St. Giles North H - - N.	9,151	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Martin-in-the-Fields HHN. & C.	13,077	1	6	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	5
St. Pancras WHH - - - N.	11,839	3	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Pancras Union Workhouse, Edmonton	†1,037	-	2	-	12	-	-	-	-	-	-	-	-	-	3	1	1	1	2
St. Paul's Churchyard HHHHHHH	31,042	23	21	10	1	-	-	-	-	-	-	-	-	-	2	-	-	-	15
St. James Clerkenwell - - N.	15,777	8	7	5	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-
St. Andrew Clerkenwell - - N.	34,356	23	15	6	4	-	-	-	-	-	-	-	-	-	4	-	-	-	-
St. Andrew-street - - - N.	16,069	17	6	4	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-
St. Andrew-road HHHH - - N.	29,597	32	17	6	3	-	-	-	-	-	-	-	-	-	3	1	1	4	-
St. Andrew-cross-street - - N.	7,595	3	3	3	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
St. Andrew-bury - - - N.	4,035	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew-bury Union Workhouse, Mitcham	†892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph H - - - N. & E.	6,870	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph-legate - - - N.	3,299	1	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph Sepulchre WH - - N.	9,591	4	18	9	3	-	-	-	-	-	-	-	-	-	1	-	-	-	16
St. Botolph-shallows Barking - - N.	9,059	-	3	1	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-
St. Botolph-road Street H - - N.	2,892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph of London Asylum, Stone	†338	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EAST DISTRICTS.																			
St. Botolph South HL - - E. & N.	17,975	5	7	4	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
St. Botolph New Town w - - N.	29,575	23	18	11	5	-	-	-	-	-	-	-	-	-	5	-	-	-	6
St. Botolph Old Town - - - N.	27,645	19	12	5	1	-	-	-	-	1	1	-	-	-	3	-	-	-	-
St. Botolph-ggerston WH - - N. & E.	47,163	42	28	13	2	-	-	-	-	-	-	-	-	-	5	1	2	4	-
St. Botolph Green North H - - E.	49,301	53	19	9	5	-	-	-	-	-	-	-	-	-	6	1	3	-	-
St. Botolph Green South - - E.	34,194	22	12	4	2	-	-	-	-	-	-	-	-	-	1	1	1	-	1
St. Botolph Green East WH - - E.	45,667	26	36	10	13	-	-	-	-	1	-	-	1	-	8	1	3	16	-
St. Botolph-fields - - - E. & N.	26,681	32	9	4	2	-	-	-	-	-	-	1	-	-	1	-	1	-	-
St. Botolph End New Town* WH - E.	51,995	27	42	3	5	-	-	-	-	-	-	2	-	-	-	5	5	5	-
St. Botolph End Goodman's Fields* - E.		15	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph George's North - - E.	39,576	27	20	10	2	-	1	-	-	-	-	-	-	-	5	-	3	-	-
St. Botolph John, St. George East W E.	7,930	5	15	4	3	-	-	-	-	-	1	-	-	-	3	-	2	9	-
St. Botolph adwell H - - - E. & N.	10,434	11	14	7	1	-	-	-	-	-	-	-	-	-	2	4	6	5	-
St. Botolph telcliff W - - - E.	14,954	10	5	2	1	-	-	-	-	-	-	-	-	-	-	1	3	-	-
St. Botolph mehouse - - - E.	32,917	30	14	5	2	-	1	-	-	-	1	-	-	-	-	-	2	-	-
St. Botolph End Old Town West H E.	111,060	41	22	9	5	-	1	-	-	-	-	-	-	-	3	-	1	-	-
St. Botolph End Old Town East W W W W		34	22	13	4	-	-	-	-	1	-	-	-	-	7	-	3	5	-
St. Botolph ow l - - - E.	41,687	25	14	5	3	-	-	-	-	-	-	-	-	-	4	1	2	2	-
St. Botolph omley w w w H - - E.	69,821	54	41	11	8	-	-	-	-	-	1	-	-	-	7	2	12	20	-
St. Botolph oplar WW - - - E.	57,759	42	25	15	3	-	-	-	-	-	-	-	-	-	6	2	5	-	-

† Population in 1891, not included in the total population of the Central Districts or of London.

Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.

TABLE 5. LONDON.--POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 26th August, 1899--continued.

The DEATHS registered during the Week include																	
REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of													Deaths in Public Institutions
				Infants under 1 Year of Age.	Persons aged 80 Years and upwards.	Deaths from											
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.	
SOUTH DISTRICTS.																	
Christchurch Southwark WH & S.		13,064	2	6	3	-	-	-	-	1	-	-	-	-	1	-	-
St. Saviour Southwark	- S.	12,301	6	6	3	-	-	-	-	-	-	-	-	-	2	-	-
Cent-road	- S. & L.	22,879	11	15	7	2	-	-	-	-	-	-	-	-	6	1	-
Borough-road WH	- S. & L.	16,083	16	13	2	1	-	2	-	-	-	-	-	-	2	-	3
London-road HL	- L. & S.	21,316	16	12	5	1	-	-	1	-	-	-	-	-	3	1	2
Trinity Newington	- S. & L.	28,723	15	10	3	-	-	1	-	-	-	-	-	-	2	-	-
St. Peter Walworth W	- S. & L.	62,045	34	28	11	4	-	4	-	-	-	-	-	-	4	-	2
St. Mary Newington-	- L. & S.	30,171	18	18	12	3	-	1	-	-	-	-	-	-	7	1	-
St. Olave WH	- - S.	11,731	8	22	2	1	-	2	-	1	-	-	-	-	-	3	20
Bermondsey W	- - S.	85,475	45	31	12	3	-	8	-	-	-	-	-	-	4	1	2
Totherhithe WwH	- S. & K.	40,379	18	27	8	8	-	1	-	-	-	-	-	-	7	-	10
Waterloo-road HH	- L. & S.	28,396	35	15	9	2	-	1	-	-	-	-	-	-	2	1	2
Lambeth Church 1st H	- L. & S.	18,770	15	24	8	1	-	-	-	2	1	-	-	-	4	3	5
Lambeth Church 2nd WW	- L. & S.	40,994	33	36	10	5	-	3	-	-	-	1	-	-	9	-	17
Kennington 1st H	- S. & L.	52,486	27	25	17	2	-	1	1	-	-	-	-	-	10	-	-
Kennington 2nd	- S. & L.	43,244	25	14	8	3	-	-	1	1	-	-	-	-	5	-	-
Brixton W	- L. & S.	81,825	37	30	15	4	-	-	-	2	1	-	-	-	7	-	3
Norwood WH	- - L.	29,318	16	7	4	1	-	-	-	-	-	-	-	-	4	-	-
East Battersea -	- - S.	71,730	55	30	19	2	-	3	-	-	1	-	-	-	-	6	1
Vest Battersea WwH	- - S.	93,385	51	43	17	6	-	-	-	-	-	1	-	-	8	-	14
Clapham H	- - S.	46,953	21	15	6	1	-	-	-	-	-	-	-	-	3	1	1
Vandsworth WHHL	- - S.	58,101	30	19	12	2	-	1	-	-	-	-	-	-	10	-	2
Rutney -	- - S.	20,566	11	11	7	1	-	-	-	-	-	-	-	-	2	-	-
Streatham WwvW L	- - L.	61,644	30	26	16	3	-	-	1	3	-	-	-	-	8	1	5
Wulwich -	- L. & S.	7,519	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell Wwll	- S. & L.	90,286	53	59	21	15	-	1	-	-	-	-	-	-	8	2	28
Beckham WW	- S., L. & K.	88,242	49	42	27	2	-	1	-	-	1	-	-	-	12	1	-
St. George Camberwell	- L. & S.	67,029	40	25	18	1	-	2	-	-	-	-	-	-	7	-	-
Deptford North	- - K.	36,152	20	11	9	-	-	-	-	-	-	-	-	-	4	-	-
Deptford Central w	- - K.	45,441	33	21	7	1	-	2	1	2	-	-	2	-	3	-	5
Deptford South	- - K.	33,402	17	18	15	1	-	1	-	-	-	-	-	-	8	1	-
Greenwich West H	- - K.	23,012	11	8	4	1	-	-	-	-	-	-	-	-	3	2	2
Greenwich East WH	- - K.	37,767	25	27	10	7	-	4	-	-	-	-	-	-	7	-	12
Eltham wH	- - K.	5,911	2	6	4	1	-	-	-	-	1	-	-	-	2	-	2
Lee H	- - K.	24,222	14	5	2	2	-	-	-	-	-	-	-	-	5	-	-
Lewisham WwH	- - K.	38,139	35	29	16	2	-	2	-	3	-	-	1	-	9	1	12
Lydenham H	- - L.	37,601	23	12	8	1	-	-	-	-	-	-	-	-	4	-	-
Charlton wHH	- - K.	15,928	9	10	4	1	-	-	-	1	-	-	1	-	1	-	4
Woolwich Dockyard	- - K.	19,355	12	6	3	-	-	-	-	-	-	-	-	-	4	-	-
Woolwich Arsenal HHHH	- - K.	21,959	13	13	7	1	-	-	-	1	-	-	-	-	3	-	1
Mumstead West H	- - K.	16,714	13	5	1	2	-	-	-	-	-	-	-	-	1	1	-
Mumstead East WH	- - K.	42,538	23	20	7	7	-	-	-	-	-	-	-	-	3	-	5
Canstead Asylum	- - -	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
London County Asylum, Epsom	- - -	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Latterham Asylum	- - -	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Canoe Hill Asylum	- - -	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2
Hospital Ships and Camp, Dartford	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Canterbury Asylum	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London County Asylum, Dartford	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heath	- - -	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2
Canwell Asylum	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Canwell Hatch Asylum	- - -	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Canwell Hospital	- - -	-	-	4	-	3	-	-	-	-	-	-	-	-	-	-	4
Vinchmore Hill Hospital	- - -	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	1
Canwell Asylum	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Canwell Asylum	- - -	-	-	8	-	3	-	-	-	-	-	-	-	-	1	-	8
Canwell Asylum	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 26th August, 1899.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include														
						Deaths of		Deaths from												
						Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unspecified Causes of Death.		
	LONDON—OUTER RING	368,749	1,422,063	1106	908	540	122	-	5	3	7	7	6	293	19	35	74	4		
30:1	Carshalton WHH	-	12,228	26,108	21	10	7	1	-	1	-	-	-	2	-	-	-	-		
2	Epsom, part of* WwHH	-	10,423	12,508	13	7	4	-	-	-	-	-	-	-	-	-	-	2		
37:1	Godstone, part of* W	-	2,764	1,598	2	2	1	1	-	-	-	-	-	-	-	-	-	-		
38:1	Croydon WwHHH	-	20,851	128,699	87	61	28	11	-	-	-	2	-	16	-	1	11	-		
2	Mitcham w	-	11,697	23,072	14	16	12	2	-	-	-	-	-	10	-	-	-	-		
39:1	Wimbledon HHH	-	3,220	25,777	24	13	9	3	-	-	-	-	-	6	-	1	-	-		
2	Kingston WH	-	-	33,566	19	22	10	8	-	-	-	-	-	4	-	-	7	-		
3	Surbiton H-	-	14,672	12,178	7	2	-	-	-	-	-	-	-	-	-	-	-	-		
4	Esher, part of* HH	-	-	11,080	6	5	3	2	-	-	-	-	-	2	-	-	-	-		
5	Hampton HL	-	4,565	18,252	15	9	8	1	-	-	-	-	-	3	-	-	-	-		
40:1	Richmond WH-	-	2,160	25,389	20	22	15	2	-	-	-	-	-	9	-	-	1	-		
2	Mortlake H	-	2,823	16,159	19	10	5	5	-	-	-	-	1	2	-	-	-	-		
41:1	Bromley HHH	-	9,127	23,815	11	15	10	3	-	-	-	-	-	7	-	-	-	1		
2	Beckenham H-	-	6,542	21,969	11	9	8	-	-	-	-	-	-	2	-	-	-	-		
3	Chislehurst, part of* WHH	-	14,307	20,372	8	13	8	2	-	-	-	-	-	2	-	-	-	-		
42:1	Bexley HHH	-	12,540	30,590	23	20	14	1	-	-	-	1	1	9	1	1	1	-		
2	Dartford WH, part of*	-	-	-	-	2	-	2	-	-	-	-	-	-	-	-	2	-		
43:1	Sunbury w	-	11,054	13,671	9	3	2	-	-	-	-	-	-	-	-	-	-	-		
2	Staines WH	-	13,277	13,221	6	6	1	2	-	-	-	-	-	1	-	-	1	-		
45:1	Hillingdon WHH	-	6,035	12,237	6	8	4	2	-	-	-	-	-	3	-	-	-	-		
2	Uxbridge	-	12,757	7,253	4	4	1	3	-	-	-	-	-	2	-	-	-	-		
3	Hayes wH-	-	7,952	11,051	9	4	1	1	-	-	-	-	-	-	-	-	-	-		
46:1	Isleworth WHH	-	6,967	26,004	23	13	6	4	-	-	-	-	-	3	1	1	4	-		
2	Twickenham HH	-	2,415	16,027	12	11	6	2	-	-	-	-	-	1	1	1	1	-		
3	Brentford HHHH	-	4,318	37,777	22	27	17	2	-	-	-	-	-	11	1	1	1	-		
4	Chiswick	-	1,245	21,963	19	10	6	1	-	-	-	-	-	3	-	-	-	-		
5	Acton WHH	-	6,132	30,945	25	23	18	1	-	-	-	-	-	9	-	-	-	-		
47:1	Harrow HHH	-	13,809	15,715	7	10	5	1	-	-	-	-	-	1	1	-	1	-		
2	Edgware HH	-	6,994	3,844	2	1	1	-	-	-	-	-	-	1	-	-	-	-		
3	Willesden HHH	-	4,383	61,265	71	53	33	8	-	1	-	1	-	20	-	2	2	-		
4	Hendon WH	-	6,382	15,843	10	19	12	1	-	-	-	-	-	4	1	1	7	-		
48:1	South Mimms HH	-	21,077	6,367	5	5	2	1	-	-	-	1	-	-	-	1	-	-		
2	Barnet WHH	-	-	14,152	11	3	2	1	-	-	-	-	-	2	-	-	-	-		
3	Finchley HHH	-	4,688	25,820	10	10	7	-	-	-	-	-	-	7	-	-	-	-		
49:1	Hornsey HH	-	3,039	61,097	32	27	15	2	-	-	-	-	1	9	-	-	-	1		
2	Tottenham HH-	-	4,642	97,174	66	57	30	6	-	-	-	-	-	13	1	5	3	-		
3	Edmonton WwW	-	7,439	36,351	40	36	22	7	-	1	-	-	-	10	1	3	-	-		
4	Enfield WWHH	-	12,602	31,536	19	17	8	5	-	-	-	-	1	7	-	-	1	1		
5	Waltham Abbey-	-	11,017	6,066	5	2	1	1	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt H	-	8,480	9,620	12	5	1	2	-	-	-	-	-	-	-	-	-	-		
50:1	Hatfield, part of* W-	-	3,306	582	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Bushey H	-	9,331	7,737	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Watford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
46:1	Stratford H	-	-	38,612	36	25	15	2	-	-	-	-	-	12	2	2	2	-		
2	Plaistow WHHH	-	-	53,030	48	39	26	2	-	-	1	-	-	11	1	1	2	-		
3	Canning Town H	-	4,706	54,750	39	50	26	2	-	1	-	2	-	1	15	4	5	2		
4	Forest Gate w	-	-	53,511	26	25	16	2	-	-	1	-	1	11	-	-	-	-		
5	East Ham wHH	-	3,266	32,713	72	38	29	3	-	-	-	1	-	19	2	3	-	-		
6	Leyton WwWwH	-	4,334	70,188	48	61	31	9	-	1	2	-	1	20	1	2	16	-		
7	Walthamstow HHL	-	6,501	57,330	61	43	30	3	1	-	-	-	-	10	1	3	-	-		
71:1	Chigwell, part of* HHHH	-	11,779	12,941	11	2	2	-	-	-	-	-	-	-	-	-	-	-		
2	Epping WH, part of*	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	2	-		
51:1	Romford, part of* WH	-	6,556	4,324	4	6	5	-	-	-	-	-	-	4	-	-	-	-		
2	Ilford	-	8,493	10,913	22	14	12	1	-	-	-	-	-	9	-	-	-	-		
3	Barking Town, H	-	3,814	14,301	11	9	5	-	-	-	-	-	-	1	1	1	-	-		
	Middlesex County Asylum, Wandsworth.	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-		
	N.E. Fever Hospital, Tot- tenham.	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	1	-		

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warringham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chislefield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in Hatfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Contagious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 26th August, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE OF MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 20 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Deaths in Public Houses.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
GREATER LONDON	443,421	6,528,434	24.0	6.9	3008	1456	444	-	57	10	36	24	22	719	79	60		
INNER LONDON -	74,672	4,546,752	24.1	6.3	2100	916	322	-	52	7	29	17	16	426	60	5		
OUTER RING -	368,749	1,981,682	23.9	8.4	908	540	122	-	5	3	7	7	6	293	19	5		

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Other.
EDINBURGH -	298,927	Aug. 26	156	109	19.0	-	-	1	-	1	2	1	1
GLASGOW -	733,903	" 26	481	356	25.3	-	12	5	3	4	8	8	8
DUBLIN -	349,594	" 26	212	207	30.9	-	18	2	-	1	6	6	6
CALCUTTA -	466,460	July 22	-	289	32.3	-	-	-	1	-	70†	9	9
BOMBAY -	821,764	Aug. 1	198	679	43.0	13	16	?	?	?	134†	9	9
MADRAS -	452,518	July 14	332	284	32.6	2	4	?	?	?	44	6	6
PARIS -	2,511,629	Aug. 19	1200	978	20.2	-	30	2	2*	10	32	17	17
BRUSSELS -	551,011	" 19	257	215	19.9	-	-	-	1*	1	-	4	4
AMSTERDAM -	517,595	" 12	284	151	15.2	-	-	-	-	1	2	-	-
ROTTERDAM -	315,305	" 12	192	141	23.3	-	-	-	1	5	3	-	-
THE HAGUE -	199,265	" 12	109	79	20.6	-	-	-	-	-	-	-	-
COPENHAGEN -	345,000	" 19	180	173	26.1	-	-	4	2	1	2	7	7
STOCKHOLM -	291,580	" 12	145	94	16.8	-	-	1	3	-	-	2	2
CHRISTIANIA -	221,255	" 19	174	89	20.9	-	-	-	-	-	-	3	3
ST. PETERSBURG	1,132,677	" 12	579	555	25.5	3	11	8	21	2	25	14	14
MOSCOW -	988,610	" 12	-	675	35.6	-	4	2	10	4	6	25	25
BERLIN -	1,818,517	" 5	990	788	22.6	-	22	11	7	10	4	26	26
HAMBURG -	675,351	" 19	-	322	24.8	-	-	-	1*	6	-	11	11
DRESDEN -	394,300	July 29	-	-	-	-	-	-	-	-	-	-	-
BRESLAU -	406,012	Aug. 19	-	260	33.4	-	-	2	-	1	1	8	8
MUNICH -	445,000	" 12	-	197	23.0	-	-	-	3*	4	-	6	6
VIENNA -	1,623,134	" 19	905	616	19.7	-	10	3	4*	2	-	14	14
PRAGUE -	384,822	" 19	230	168	22.7	-	5	3	4	-	1	-	-
BUDA-PESTH -	666,722	" 12	446	310	24.2	-	2	5	2	-	2	4	4
TRIESTE -	166,599	" 5	121	96	31.0	-	-	3	1*	1	1	2	2
ROME -	505,850	July 29	214	154	15.9	-	-	-	1	-	5†	2	2
TURIN (10 days)	344,203	" 10	-	-	-	-	-	-	-	-	-	-	-
VENICE -	171,023	Aug. 12	87	60	18.3	-	1	-	1*	-	-	-	-
CAIRO -	570,062	-	-	-	-	-	-	-	-	-	-	-	-
ALEXANDRIA -	319,766	-	-	-	-	-	-	-	-	-	-	-	-
NEW YORK (including BROOKLYN)	3,550,053	July 29	1543	1444	21.2	-	7	4	24	12	10	26	26
PHILADELPHIA -	1,266,832	Aug. 5	-	428	17.6	-	-	5	15	2	10	6	6

\* Including deaths from croup.

† Including 4 deaths from plague in Calcutta and 64 deaths in Bombay.

‡ Including 43 deaths from cholera in Calcutta and 5 deaths in Bombay.

§ Including 4 deaths from malarial fever.



1899.  MONTH AND DAY		Phases of the Moon.	TEMPERATURE.				Difference between the Air and Dew Point Temperature.				Degree of Hu- midity equals 100.	TEMPERATURE.			Wind as deduced from Anemometers.				Rain collected in a Gauge whose reading refers to the Average of the the Ground.	Ozone																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			Of the Air.				Of the Dew point.		Of Radiation			General Direction.		Oiler's.		Pressure on the Square Foot.		Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			High- est.	Low- est	Daily Range.	Mean daily value.	De- parture from average value, 50 years.	Mean daily value.	Great- est.	Least.		Highest in Sun's Rays.	Lowest on the Grass.	A.M.	P.M.	Great- est.	Least.	Mean of 24 hours obs.			Horizontal Movement of each Day.	Vertical Departure above the Average of each Day.	Miles. - 59 - 84 - 79 - 49 - 18 - 15 - 121	Miles. 166 141 147 178 211 217 114	Sum 117.4	Sum - 4.25	Sum 0.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

The results apply to the civil day, or from midnight to midnight. The height of the column of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level. The observations are usually taken at 9 A.M.; noon; 3 P.M. and 9 P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of correction, deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer it combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Table. The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1880, and that of horizontal movement of the air from a discussion of the anemometer records for the 18 years ending 1875. In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average. The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined. The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: - P. positive; N. negative; W. weak; M. moderate; S. strong; and V. variable. The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day. The reading of the barometer increased from 30.03 in. at the beginning of the week to 30.16 in. by 9 A.M. on the 22nd; decreased to 29.82 in. by 3 P.M. on the 25th; increased to 29.94 in. by 9 A.M. on the 26th; and decreased to 29.80 in. by the end of the week.

DATE.		ELECTRICITY.		Registered barometer in hours.		Sun above horizon in hours.		GENERAL REMARKS.	
AUGUST.		(For explanation of symbols see Note.)		in hours.		in hours.			
SUNDAY	- 20	w. P. throughout	-	3.4	14.3			Fine; generally cloudy till evening; cloudless at night.	
MONDAY	- 21	w. P. throughout	-	12.4	14.2			Very fine; cloudless generally.	
TUESDAY	- 22	w. P. throughout	-	12.5	14.2			Very fine; cloudless throughout.	
WEDNESDAY	- 23	w. P. throughout	-	11.0	14.1			Fog prevailed in early morning; cloudless and very fine till evening; cloudy afterwards.	
THURSDAY	- 24	w. P. throughout	-	11.6	14.0			Cloudy and foggy in morning; cloudless and very fine afterwards.	
FRIDAY	- 25	w. P. throughout	-	12.9	14.0			A very fine and hot day. Cloudless in morning; small amounts of light cloud afterwards.	
SATURDAY	- 26	Loss of register in morning; m. P. and w. P. afterwards.		11.0	13.9			Very fine; partially cloudy.	
No. of Col.				Sum 74.8	Sum 88.7				
				28	29				



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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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General Register Office, Somerset House,  
September 4th, 1899.

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 25·5 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Aug. 12.	Aug. 19.	Aug. 26.	Sept. 2.		Aug. 12.	Aug. 19.	Aug. 26.	Sept. 2.
33 Great Towns	24·3	25·7	26·8	25·5	Leicester - -	20·0	22·7	28·3	25·1
Birkenhead -	18·6	22·2	26·7	24·0	Liverpool - -	33·6	31·8	36·7	33·7
Birmingham -	27·0	30·0	30·7	28·6	London - - -	23·7	25·3	24·1	22·1
Blackburn -	14·7	16·2	25·5	19·7	Manchester - -	32·3	30·3	33·7	30·5
Bolton - - -	19·6	20·6	27·3	33·4	Newcastle-on-Tyne	22·4	23·0	27·4	32·6
Bradford - -	20·1	19·4	24·1	26·3	Norwich - - -	23·9	27·2	23·9	23·9
Brighton - -	23·3	33·9	30·9	34·3	Nottingham - -	28·1	25·3	30·1	25·9
Bristol - - -	17·1	24·0	23·7	18·5	Oldham - - -	21·8	20·8	22·5	29·7
Burnley - - -	26·3	38·3	35·5	33·7	Plymouth - - -	36·3	30·6	32·6	20·7
Cardiff - - -	19·4	23·6	24·1	28·9	Portsmouth - -	27·9	32·5	32·0	32·5
Croydon - - -	19·2	20·8	20·8	18·8	Preston - - -	24·8	27·9	30·1	38·1
Derby - - -	21·1	23·0	23·0	31·4	Salford - - -	28·4	29·6	38·0	36·8
Gateshead - -	21·0	20·1	27·9	23·0	Sheffield - - -	30·3	27·4	29·5	29·2
Halifax - - -	16·0	12·8	21·9	21·3	Sunderland - -	17·5	18·3	32·2	29·0
Huddersfield -	13·6	13·6	21·2	25·2	Swansea - - -	17·6	25·1	22·1	18·6
Hull - - - -	21·4	24·7	26·3	27·4	West Ham - - -	28·7	25·2	25·7	20·7
Leeds - - - -	21·3	22·6	23·2	19·9	Wolverhampton -	19·4	35·2	21·7	34·6

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·2 in Sheffield, and 1·8 in Burnley; from *whooping-cough*, 1·1 in Leeds, 1·2 in Leicester, 1·5 in Huddersfield, and 1·8 in Burnley; from "*fever*," 1·0 in Huddersfield, and 1·7 in Brighton; and from *diarrhoea*, 7·0 in Cardiff, 7·2 in Nottingham, 7·3 in West Ham, 8·6 in Oldham, 8·8 in Leicester, 8·9 in Birmingham, 9·1 in Huddersfield, 9·2 in Norwich, 9·3 in Bradford, 9·6 in Hull, 9·9 in Liverpool, 10·4 in Manchester, 10·9 in Portsmouth, 11·3 in Bolton, 11·5 in Salford, 11·7 in Wolverhampton, 13·4 in Burnley, 13·5 in Brighton, and 16·4 in Preston. In none of the thirty-three towns did the death-rate from "*scarlet fever*" reach 1·0 per 1000. The 61 deaths from *diphtheria* included 29 in London, 5 in Leeds, 4 in Liverpool, 3 in Preston, and 3 in Sheffield. One death from *small-pox* was registered in Hull, but not one in any other of the thirty-three towns.

#### LONDON.

In LONDON† 2532 BIRTHS and 1931 DEATHS were registered. Allowing for increase of population, the births were 179 below, and the deaths 416

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

above the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 23·7, 25·3, and 24·1, in the preceding three weeks, further fell last week to 22·1. During the four weeks ending on Saturday last the death-rate averaged 23·8 per 1000, being 5·0 per 1000 above the mean rate in the corresponding periods of the ten years 1889-98.

The 1931 deaths included 34 from measles, 5 from scarlet fever, 29 from diphtheria, 31 from whooping-cough, 18 from enteric fever, 368 from diarrhoea and dysentery, and 22 from cholera and choleraic diarrhoea, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 507 deaths were referred to these diseases, being 211 above the corrected average weekly number.

The deaths from *measles*, which had been 54, 48, and 52 in the preceding three weeks, fell again last week to 34, but were 7 above the corrected average; 4 cases belonged to Islington, 4 to Battersea, and 4 to Camberwell sanitary areas. The deaths from *scarlet fever*, which had been 8, 8, and 7 in the preceding three weeks, further fell last week to 5, and were 14 below the corrected average. The deaths from *diphtheria*, which had been 26, 33, and 29 in the preceding three weeks, were again 29 last week, the corrected average being 35; 5 cases belonged to Islington, 4 to Lambeth, 3 to Bermondsey, and 3 to Greenwich sanitary areas. The deaths from *whooping-cough*, which had been 16, 28, and 18, in the preceding three weeks, rose again last week to 31, and were 2 above the corrected average. The fatal cases of *enteric fever*, which had been 12, 11, and 16 in the preceding three weeks, further rose last week to 18, and were 7 above the corrected average; 2 cases belonged to Kensington, 2 to Shoreditch, 2 to Bethnal Green, and 2 to Battersea sanitary areas. The deaths from *diarrhoea*, which had been 463, 481, and 426 in the preceding three weeks, further fell last week to 368, but were 201 above the corrected average. Of the 368 deaths from diarrhoea, 338 were of children under 5 years of age; 199 more deaths at this age-group were described as due to *gastro-enteritis*, which appears as a separate heading in Table 4. The deaths referred to diseases of the respiratory organs, which had been 163, 148, and 169 in the preceding three weeks, fell again last week to 131, and were 12 above the corrected average. One death was attributed directly to *influenza*, the numbers having been 3, 4, and 3 in the preceding three weeks.

Different forms of violence caused 60 deaths, concerning all but 2 of which inquests were held. Of these 60 deaths, 9 were cases of suicide, while the remaining 51 were attributed to accident or negligence. Five of these were referred to vehicles in the streets, 8 to drowning, 2 to sunstroke, and 7 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2537 cases of scarlet fever, 1502 of diphtheria, and 213 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 252 cases, against 227, 245, and 225; of diphtheria, 176 cases, against 148, 172, and 188; and of enteric fever, 29 cases, against 42, 38, and 28.

#### GREATER LONDON.

In Greater London 3585 births and 2768 deaths were registered, corresponding to annual rates of 28·6 and 22·1 per 1000 of the estimated population. In the Outer Ring 14 deaths from measles, 10 from diphtheria, 10 from whooping-cough, 4 from "fever," and 248 from diarrhoea were registered. Four deaths from diphtheria and 81 from diarrhoea occurred in West Ham district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·652 inches, and that of the Thermometer 63°·5; the latter being 3°·3 above the week's average in the 50 years 1841-90. The direction of the wind was W.S.W., the horizontal movement of the air being 22 per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 53·4 hours; the measured rainfall amounted to 0·29 inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases, this diagnosis is found after sojourn in the Hospital to have been erroneous.





TABLE 2. LONDON.—Births and Deaths Registered in the THIRTY-FIFTH Week of each of the Eleven Years, 1889–99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889–98.*	1899
<b>TOTAL Births</b>	2425	2614	2555	2462	2616	2704	2617	2651	2468	2650	2710.5	2510
Males - -	1240	1274	1261	1270	1325	1428	1328	1346	1259	1371	1378.5	1331
Females - -	1185	1340	1294	1192	1291	1276	1289	1305	1209	1279	1332.0	1201
<b>TOTAL Deaths</b>	1263	1659	1299	1356	1566	1198	1336	1369	1452	1898	1514.6	1931
Males - -	660	883	679	689	821	622	692	746	748	977	790.8	906
Females - -	603	776	620	667	745	576	644	623	704	921	723.8	935

\*The numbers in this column are the average weekly numbers in the thirty-fifth week of the ten years 1889–98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	June 10.	June 17.	June 24.	July 1.	July 8.	July 15.	July 22.	July 29.	Aug. 5.	Aug. 12.	Aug. 19.	Aug. 26.	Sept. 2.
<b>TOTAL Births</b>	2445	2571	2422	2441	2484	2351	2444	2494	2577	2214	2671	2646	2532
<b>TOTAL Deaths</b>	1365	1816	1355	1297	1310	1387	1539	1884	2200	2068	2208	2100	1931
Ages at Death													
Under 1 year - -	281	299	272	264	299	367	556	805	1049	1015	1043	916	805
1–5 years - -	218	173	199	166	184	175	201	223	237	242	242	254	265
5–20 " - -	79	71	91	78	86	82	85	98	99	74	88	89	80
20–40 " - -	197	171	215	212	157	171	151	161	203	163	204	229	181
40–60 " - -	264	290	279	287	255	271	279	269	310	289	298	290	261
60–80 " - -	269	280	254	240	270	270	254	264	238	244	262	264	265
80 years and upwards	57	52	45	60	59	51	63	64	64	41	71	56	75
Deaths from—													
Small pox - -	1	-	-	-	-	1	-	-	-	-	-	-	3
Measles - -	93	64	65	51	50	48	46	56	60	54	48	52	3
Scarlet Fever - -	5	7	4	11	12	4	8	5	6	8	8	7	2
Diphtheria - -	28	35	28	25	31	37	42	35	44	26	33	29	20
Whooping-cough - -	27	35	35	26	27	26	20	19	27	16	23	18	31
Typhus - -	-	-	-	-	-	6	-	-	13	13	12	11	16
Enteric Fever - -	7	6	6	11	7	-	8	-	13	-	-	-	1
Simple Continued Fever - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery - -	12	12	9	20	28	75	185	350	477	463	481	426	363
Cholera - -	-	-	1	-	-	2	7	12	21	21	16	21	2
All the above Diseases -	173	159	148	144	155	199	316	490	648	600	625	569	507
Dis. of Respiratory System -	216	207	190	159	194	176	149	169	157	163	148	169	13
Phthisis - -	141	133	153	153	139	115	116	112	145	134	151	152	14
Dis. of Circulatory System -	110	125	116	124	114	122	116	123	110	96	114	112	11
Violence - -	80	60	86	73	49	67	77	132	91	72	70	60	6
Inquest Cases - -	156	124	162	143	120	128	137	156	161	151	153	139	13
Deaths in Public Institutions -	467	436	460	456	414	454	453	462	521	451	517	526	48
TEMPERATURE OF THE AIR.													
Mean - -	61.1	56.3	60.7	62.3	62.3	66.2	70.2	64.8	67.5	63.8	68.5	63.4	63.1
Mean of Highest readings -	73.3	69.3	69.7	73.1	71.9	77.7	83.2	75.4	78.8	74.6	77.4	79.8	74.1
Mean of Lowest readings -	49.1	45.1	53.7	53.8	54.3	56.9	57.9	55.3	57.3	55.7	57.2	53.6	55.1
Humidity of the Air - -	64	67	73	68	71	87	58	67	69	73	64	63	7
Rain-fall (in inches) - -	0.00	0.00	0.51	0.74	0.13	0.09	0.06	0.97	0.09	0.02	0.00	0.00	0.2
Registered Sunshine (in hours)	721	680	26.2	43.9	31.4	49.4	71.0	63.6	79.7	54.9	49.4	74.8	53
CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.													
Small-pox - -	1	1	1	2	-	-	-	-	1	-	-	-	-
Scarlet Fever - -	2269	2280	2367	2430	2590	2602	2653	2667	2704	2674	2613	2548	253
Diphtheria - -	1159	1170	1230	1280	1347	1434	1488	1515	1526	1119	1508	1512	150
Enteric Fever - -	97	98	103	105	94	99	104	131	158	183	196	203	21

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and F. Bolybyer, Esq., V.E. Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-FIFTH Week of the Year 1899.

CAUSES OF DEATH	Corrected Averages for the 35th Week of the 10 years 1889-98*.	In the Week ending Saturday, 2nd September 1899.								Corrected Averages for the 35th Week of the 10 years 1889-98*.	In the Week ending Saturday, 2nd September 1899.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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		Under 20.				20 and under 40.					40 and under 60.				60 and under 80.				80 years and upwards.				Under 20.				20 and under 40.				40 and under 60.				60 and under 80.				80 years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
CAUSES	1514.6	1931	805	265	80	181	261	265	74																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

Numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population. Those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical attendants. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the death is not certified by a registered practitioner, the case is returned under the heading "no statement." The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered in the SUB-DISTRICT during the Week ending Saturday, 2nd September, 1899.

The DEATHS registered during the Week include																			
REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of														Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.				
LONDON -	4,411,710	2,532	1,931	805	339	-	34	5	29	31	-	18	-	368	60	134	484		
WEST DISTRICTS.																			
WEST DISTRICTS - - -	778,251	359	274	118	50	-	2	1	1	2	-	3	-	59	11	28	62		
NORTH DISTRICTS - - -	1,040,694	526	418	159	87	-	8	1	10	13	-	3	-	82	16	29	104		
CENTRAL DISTRICTS - - -	233,635	124	103	37	17	-	-	-	1	-	-	2	-	7	5	8	45		
EAST DISTRICTS - - -	716,334	471	344	149	66	-	4	-	1	10	-	1	-	61	8	24	94		
SOUTH DISTRICTS - - -	1,642,796	1,052	750	340	105	-	20	2	16	8	-	9	-	159	19	44	137		
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*	-	-	42	2	14	-	-	1	-	1	-	-	-	-	1	1	42		
WEST DISTRICTS.																			
St. Mary Paddington } G. & W.	90,996	58	45	23	12	-	-	-	-	-	-	1	-	11	-	2	7		
WHH - - - G.	33,510	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. John Paddington H - - W.	122,164	54	42	16	13	-	2	-	-	1	-	-	-	2	1	4	17		
Brompton HH - - W & C.	48,301	13	7	3	1	-	-	-	-	-	-	-	-	1	1	1	2		
North Hammersmith } H } W. & G }	44,638	21	8	4	1	-	-	-	-	-	-	1	-	1	1	3	-		
South Hammersmith } H }	59,561	37	19	10	1	-	-	-	-	-	-	-	1	5	1	1	3		
Fulham Ww - - W. & C.	113,781	66	68	38	3	-	-	1	1	-	-	1	-	26	3	6	12		
Chelsea Kensal Town - - C.	21,450	15	6	4	-	-	-	-	-	-	-	-	-	3	-	-	2		
Chelsea North WHHHH - C.	42,057	18	25	6	5	-	-	-	-	-	-	-	-	2	-	1	11		
Chelsea South HE - - C.	33,139	12	8	1	2	-	-	-	-	1	-	-	-	1	3	3	-		
May Fair W - - - G.	23,827	3	5	1	4	-	-	-	-	-	-	-	-	-	-	1	2		
Belgrave WHHH - - C.	56,140	19	15	3	5	-	-	-	-	-	-	-	-	-	-	2	5		
St. John Westminster HH - C.	31,492	11	12	3	3	-	-	-	-	-	-	-	-	3	1	3	-		
St. Margaret Westminster H- C.	22,097	6	6	1	-	-	-	-	-	-	-	-	-	2	-	1	2		
St. James Westminster } N. & G.	23,050	14	4	2	-	-	-	-	-	-	-	-	-	1	-	-	1		
WHH - - - N.	12,048	4	2	2	-	-	-	-	-	-	-	-	-	1	-	-	-		
St. Anne Soho HHHHHH - N.																			
NORTH DISTRICTS.																			
All Souls Marylebone } - - W.	36,595	15	15	3	2	-	-	-	-	-	-	2	-	1	1	2	9		
HHHHHHHH - - -																			
Rectory Marylebone W } G. & W.	19,798	7	2	1	1	-	-	-	-	-	-	-	-	1	-	-	-		
St. Mary Marylebone } G. & W.	19,637	25	6	-	2	-	-	-	-	-	-	-	-	1	-	-	-		
HHHH - - -																			
Christchurch Marylebone H - W	32,547	13	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-		
St. John Marylebone HHH - W.	32,611	24	9	4	2	-	-	-	-	2	-	-	-	2	-	1	-		
Hampstead } - N. & W.	75,449	23	29	8	5	-	-	1	2	-	-	-	-	8	-	1	6		
WvHHHH - - -																			
Regent's Park Pancras HH - W.	37,341	13	10	4	2	-	-	-	-	-	-	-	-	3	1	1	2		
Tottenham-court } - N. & W.	26,757	5	12	4	1	-	-	-	-	-	-	-	-	4	-	-	3		
WvHHHH - - -																			
Gray's Inn Lane HHH - - N.	29,426	12	6	3	1	-	-	-	-	-	-	-	-	1	-	-	2		
Somers Town HH - - N.	32,161	21	12	5	2	-	-	-	-	1	-	-	-	4	-	-	5		
Camden Town WH - - N.	16,669	6	15	3	3	-	2	-	-	-	-	-	-	1	-	11	-		
Kentish Town WW - - N.	98,410	56	45	16	8	-	1	-	2	-	-	-	-	6	1	4	10		
Upper Holloway } - - N.	98,273	58	73	26	18	-	1	-	1	3	-	-	-	8	5	8	20		
WWWvHH - - -																			
Islington South-west H - - N.	107,365	73	48	23	7	-	1	-	-	1	-	-	-	12	1	2	-		
Islington South-east - - N.	66,549	34	14	6	3	-	1	-	1	-	-	-	-	4	-	-	-		
Highbury HH - - N.	64,577	35	23	13	4	-	1	-	-	-	-	-	-	8	1	1	-		
Stoke Newington H - - N.	33,485	13	8	6	1	-	-	-	-	-	-	-	-	4	-	-	-		
North Hackney - - E. & N.		12	10	6	2	-	-	-	-	-	-	-	-	3	-	1	-		
Central Hackney wv - - E. & N.	213,044	17	19	7	2	-	-	-	6	1	-	-	-	1	1	1	6		
South-west Hackney HHH E. & N.		30	32	13	8	-	-	-	-	-	-	1	-	5	4	5	8		
South-east Hackney WvH E. & N.		34	25	7	11	-	1	-	-	-	-	-	-	5	1	2	13		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated the namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. sign Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. River; E. East London; and K. the Kent Company.

\* See note † on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and re-named North Hammersmith and South Hammersmith, respectively.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 2nd September, 1899—continued.

REGISTRATION SUB-DISTRICTS		Enu- me- rated Popu- lation. 1896.	Total BIRTHS.	The DEATHS registered during the Week include														Deaths in Public Institutions	Uncertified Causes of Death.	
				Total DEATHS	Deaths of		Deaths from													
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence	Inquest Cases			
CENTRAL DISTRICTS.																				
George Bloomsbury	- - N.	16,110	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Giles South	WH - - N.	12,976	12	9	2	6	-	-	-	-	-	-	-	-	-	-	6	-		
Giles North	H - - N.	9,151	8	3	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
Martin-in-the-Fields	HHN. & C.	13,077	2	8	2	3	-	-	-	-	-	-	-	-	-	-	-	-		
and WHH	- - N.	11,839	3	5	1	1	-	-	-	-	-	-	-	-	1	2	5	-		
and Union Workhouse, Edmonton		†1,037	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-		
born w	HHHHHHH - - N.	31,042	18	25	8	2	-	-	-	-	-	-	-	-	-	-	-	-		
James Clerkenwell	- - N.	15,777	11	8	3	1	-	-	-	-	-	-	-	-	-	1	1	17		
well Clerkenwell	- - N.	34,356	19	6	2	1	-	-	-	1	-	-	-	-	-	-	-	-		
well-street	- - N.	16,069	10	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
r-road	HHHL - - N.	29,597	28	11	6	1	-	-	-	-	-	-	-	-	-	-	-	-		
tecross-street	- - N.	7,595	3	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-		
sbury	- - N.	4,035	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
born Union Workhouse,		†892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
itcham	- - N.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Botolph*	BH - - N. & E.	9,762	6	5	2	2	-	-	-	-	-	-	1	-	-	-	-	-		
prlegate	- - N.	3,299	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
sepulchre	WH - - N.	9,591	-	14	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
allows Barking	- - N.	9,059	-	1	-	-	-	-	-	-	-	-	-	1	3	3	14	-		
of London Asylum, Stone	- -	†388	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
EAST DISTRICTS.																				
reditch South	H - - E. & N.	17,975	12	6	2	1	-	-	-	-	-	-	1	-	-	2	-	-		
ton New Town	w - - N.	29,575	21	26	15	5	-	-	-	-	-	3	-	-	6	-	7	-		
ton Old Town	- - N.	27,645	18	14	8	2	-	-	-	-	-	-	-	-	1	-	-	-		
gerston	WH - - N. & E.	47,163	26	34	16	7	-	-	-	-	1	-	-	-	3	-	11	-		
anal Green North	H - - E.	49,301	25	12	5	1	-	-	-	-	-	-	-	-	3	-	-	-		
anal Green South	- - E.	34,194	22	13	7	-	-	-	-	-	-	-	-	-	1	-	-	1		
anal Green East	WH - - E.	45,667	25	27	7	7	-	-	-	-	-	-	-	-	2	-	14	-		
alfelds	- - E. & N.	26,681	16	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
End New Town†	WH - - E.	51,995	17	30	6	6	-	1	-	-	-	-	-	-	-	2	6	29		
Iman's Fields†	- - E.		7	10	4	2	-	1	-	-	1	-	-	-	2	-	-	-		
george's North	- - E.	39,576	37	13	7	2	-	1	-	-	-	-	-	-	1	-	-	-		
ohn, St. George East	W E.	7,930	11	3	3	-	-	-	-	1	-	-	-	-	-	1	1	-		
dwell	H - - E. & N.	10,434	4	11	6	-	-	-	-	-	-	-	-	-	1	-	8	-		
liff	W - - E.	14,954	3	3	1	1	-	-	-	-	-	-	-	-	2	-	-	-		
ehouse	- - E.	32,917	20	12	7	1	-	-	-	-	1	-	-	-	2	1	-	-		
End Old Town West	H E.	111,060	46	12	4	1	-	-	-	1	-	-	-	-	1	-	-	-		
End Old Town East	- E.		34	32	15	9	-	-	-	-	1	-	-	-	7	1	2	9		
l	- - E.	41,687	39	17	10	3	-	-	-	-	-	-	-	-	6	-	1	-		
nley	wwwH - - E.	69,821	51	44	14	12	-	1	-	-	-	-	-	-	12	2	4	13		
ar	WW - - E.	57,759	33	22	11	5	-	-	-	-	1	-	-	-	6	1	2	1		

\* The Sub-Districts of St Botolph and Broad Street were united on 1st September 1899.

† Population in 1891, not included in the total population of the Central Districts or of London.

hitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.

REGISTRATION SUB-DISTRICTS		Enu- mer- ated Popu- lation, 1896.	Total Births.	Total Deaths.	The DEATHS registered during the Week include													Deaths in Public Institutions
					Deaths under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from											
							Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Fever.	Continued Fever.	Diarrhoea.	Violence.	
SOUTH DISTRICTS.																		
Christchurch Southwark WHL & S.	13,064	3	6	3	1	-	1	-	-	-	-	-	-	-	-	-	-	
St. Saviour Southwark - - - S.	12,301	6	6	1	4	-	-	-	-	-	-	-	-	-	-	-	-	
Kent-road - - - S. & L.	22,879	13	12	5	-	-	2	-	-	-	-	-	-	-	-	-	-	
Borough-road WH - - - S. & L.	16,083	8	10	5	1	-	-	-	-	-	-	-	-	-	-	-	-	
London-road HL - - - L. & S.	21,316	21	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trinity Newington - - - S. & L.	28,723	31	10	6	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Peter Walworth W - - S. & L.	62,045	40	22	12	2	1	1	-	-	-	-	-	-	-	-	-	-	
St. Mary Newington - - - L. & S.	30,171	23	13	7	1	-	1	-	-	-	-	-	-	-	-	-	-	
St. Olave WH - - - S.	11,731	8	22	4	1	-	1	-	1	-	-	1	-	-	2	3	4	
Bermondsey W - - - S.	85,475	59	32	16	4	-	-	-	-	-	-	-	-	-	7	1	1	
Rotherhithe WwH - - - S. & K.	40,379	27	19	9	1	-	-	-	-	-	-	-	-	-	3	1	4	
Waterloo-road HH - - - L. & S.	28,386	25	14	4	1	-	1	-	-	-	-	-	-	-	4	1	4	
Lambeth Church 1st H - - - L. & S.	18,770	12	15	2	1	-	-	-	-	-	-	-	-	-	2	2	2	
Lambeth Church 2nd WW - - - L. & S.	40,994	28	32	14	8	-	-	-	-	-	-	-	-	-	2	3	17	
Kennington 1st H - - - S. & L.	52,486	40	12	7	3	-	2	-	-	-	-	-	-	-	4	4	2	
Kennington 2nd - - - S. & L.	43,244	22	21	12	3	-	-	-	-	-	-	-	-	-	4	4	2	
Brixton w - - - L. & S.	81,825	38	34	11	5	-	-	1	2	-	2	-	-	-	3	4	5	
Norwood WH - - - L.	29,318	12	8	6	-	-	-	-	-	-	-	-	-	-	4	-	1	
East Battersea - - - S.	71,730	59	23	9	3	-	2	-	-	-	-	1	-	-	6	-	1	
West Battersea WwH - - - S.	93,385	52	47	13	11	-	2	-	-	2	-	1	-	-	1	2	17	
Clapham H - - - S.	46,953	28	16	8	1	-	-	-	-	-	-	-	-	-	2	4	3	
Wandsworth WHHL - - - S.	58,101	42	17	11	1	-	-	-	-	-	-	-	-	-	5	2	1	
Putney - - - S.	20,566	11	5	1	1	-	-	-	-	-	-	-	-	-	1	-	4	
Streatham WwwwL - - - L.	61,644	38	34	16	3	-	2	-	2	-	-	-	-	-	10	-	-	
Dulwich - - - L. & S.	7,519	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Camberwell Wwll - - - S. & L.	90,286	46	53	20	12	-	1	-	-	-	-	-	-	-	7	1	22	
Peckham WW - - - S., L., & K.	88,242</																	



TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSES, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 2nd September, 1899.

					The DEATHS registered in the Week include																	
REGISTRATION SUB-DISTRICTS.		Area in Acres.	Enu-merated Popu-lation, 1891.	BIRTHS.	DEATHS.	Deaths of		Deaths from												Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.							
LONDON—OUTER RING		368,749	1,422,063	1053	837	457	123	-	14	1	10	10	4	248	12	38	58	9				
1	Carshalton <i>wHH</i>	12,228	26,108	14	12	8	3	-	2	-	-	-	-	2	-	1	-	-				
2	Epsom, <i>part of</i> * <i>WwHH</i>	10,423	12,508	9	9	4	1	-	-	1	-	-	-	2	-	-	2	-				
1	Godstone, <i>part of</i> * <i>W</i>	2,754	1,598	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1	Croydon <i>WwHHH</i>	20,851	128,699	70	58	31	9	-	-	-	-	2	-	18	1	5	1	2				
2	Mitcham <i>w</i>	11,697	23,072	16	14	7	1	-	-	-	-	-	-	5	-	-	-	-				
1	Wimbledon <i>HHH</i>	3,220	25,777	21	23	14	3	-	-	-	-	-	-	3	1	2	2	-				
2	Kingston <i>WH</i>	-	33,566	27	27	16	4	-	1	-	-	1	11	-	-	1	6	-				
3	Surbiton <i>H</i>	-	12,178	6	5	2	-	-	-	-	-	-	2	-	-	-	-	-				
4	Esher, <i>part of</i> * <i>HH</i>	-	11,080	6	5	2	-	-	-	-	1	-	-	-	-	1	1	-				
5	Hampton <i>HL</i>	-	18,252	15	8	5	2	-	-	-	1	-	2	-	-	-	-	1				
1	Richmond <i>WH</i>	-	2,160	25,389	13	12	2	4	-	-	-	-	-	2	1	1	4	-				
2	Mortlake <i>H</i>	-	2,823	16,159	9	6	4	2	-	-	-	-	-	3	1	1	-	-				
1	Bromley <i>HHH</i>	-	9,127	23,815	13	16	8	1	-	-	1	1	4	-	-	-	3	2				
2	Beckenham <i>H</i>	-	6,542	21,969	10	5	3	-	-	-	-	-	-	-	-	-	-	-				
3	Chislehurst, <i>part of</i> * <i>WHH</i>	14,307	20,372	10	6	3	-	-	-	-	1	-	-	2	-	-	-	-				
1	Bexley <i>HHH</i>	-	12,540	30,590	17	29	16	2	-	-	1	-	-	6	-	1	-	1				
2	Dartford <i>WH, part of</i> *	-	-	-	2	-	2	-	-	-	-	-	-	2	-	2	-	-				
1	Sunbury <i>w</i>	-	11,054	13,671	7	8	4	4	-	-	-	-	-	4	-	-	-	-				
2	Staines <i>WH</i>	-	13,277	13,221	5	4	2	1	-	-	-	-	-	-	-	-	-	-				
1	Hillingdon <i>WHH</i>	-	6,035	12,237	4	6	2	1	-	1	-	-	-	2	1	1	-	-				
2	Uxbridge	-	12,757	7,253	2	4	1	1	-	-	-	-	-	-	-	-	-	-				
3	Hayes <i>wH</i>	-	7,952	11,051	4	4	4	-	-	-	-	-	-	2	-	-	-	-				
1	Isleworth <i>WHH</i>	-	6,967	26,004	13	21	12	4	-	-	-	-	-	6	-	-	5	-				
2	Twickenham <i>HH</i>	-	2,415	16,027	10	6	3	-	-	-	-	-	-	3	-	-	-	1				
3	Brentford <i>HHHH</i>	-	4,318	37,777	29	18	11	2	-	-	-	-	-	8	1	1	1	-				
4	Chiswick	-	1,245	21,963	17	6	4	1	-	-	-	-	-	2	-	-	-	-				
5	Acton <i>WHH</i>	-	6,132	30,945	31	21	8	3	-	3	-	1	-	7	1	1	-	-				
1	Harrow <i>HHH</i>	-	13,809	15,715	11	7	3	3	-	-	-	1	-	3	-	-	-	-				
2	Edgware <i>HH</i>	-	6,994	3,844	4	3	3	-	-	-	-	-	-	3	-	-	-	-				
3	Willesden <i>HHH</i>	-	4,383	61,265	72	42	33	2	-	2	-	1	-	15	-	-	1	-				
4	Hendon <i>WH</i>	-	8,382	15,843	14	13	5	1	-	1	-	-	-	4	1	1	1	-				
1	South Mimms <i>HH</i>	-	21,077	6,367	3	4	1	1	-	-	-	-	-	1	-	-	-	-				
2	Barnet <i>WHH</i>	-	14,152	10	2	-	1	-	-	-	-	-	-	-	-	-	-	-				
3	Finchley <i>HHH</i>	-	4,688	25,820	22	14	5	5	-	-	-	-	-	2	-	-	-	-				
1	Hornsey <i>HH</i>	-	3,039	61,097	48	30	15	7	-	-	-	-	-	7	1	1	-	-				
2	Tottenham <i>HH</i>	-	4,642	97,174	52	49	24	6	-	-	-	-	-	8	-	7	3	-				
3	Edmonton <i>WwW</i>	-	7,489	36,351	30	30	16	7	-	-	-	1	-	7	-	1	2	-				
4	Enfield <i>WWHH</i>	-	12,602	31,536	27	26	13	5	-	-	-	-	-	9	-	-	-	-				
5	Waltham Abbey	-	11,017	6,066	3	1	-	-	-	-	-	-	-	-	-	-	-	-				
6	Cheshunt <i>H</i>	-	8,480	9,620	4	4	3	1	-	-	-	-	-	1	-	-	-	-				
1	Hatfield, <i>part of</i> * <i>W</i>	-	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2	Bushey <i>H</i>	-	9,331	7,737	6	2	1	-	-	-	-	-	-	1	-	-	-	-				
3	Watford <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1	Stratford <i>H</i>	-	38,612	24	21	15	2	-	-	-	-	-	-	12	1	2	1	1				
2	Plaistow <i>WHHH</i>	-	58,030	55	31	16	3	-	1	-	1	1	-	8	-	1	3	1				
3	Canning Town <i>H</i>	-	54,750	42	39	23	2	-	1	-	1	1	-	14	1	2	2	-				
4	Forest Gate <i>w</i>	-	53,511	27	18	11	2	-	-	-	-	-	-	8	-	-	-	2				
5	East Ham <i>WHH</i>	-	3,266	32,713	63	38	26	2	-	-	1	-	-	16	1	2	-	-				
6	Leyton <i>WWwH</i>	-	4,334	70,188	49	50	24	12	-	-	1	1	-	13	-	-	12	-				
7	Walthamstow <i>HHL</i>	-	6,501	57,330	60	43	26	4	-	2	-	1	1	2	10	-	1	-				
1	Chigwell, <i>part of</i> * <i>HHHH</i>	11,779	12,941	6	6	3	-	-	-	-	-	-	-	1	-	-	1	-				
2	Epping <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1	Romford, <i>part of</i> * <i>WH</i>	-	6,556	4,324	5	2	2	-	-	-	-	-	-	2	-	-	-	-				
2	Ilford	-	8,493	10,913	20	13	7	2	-	-	-	-	-	3	-	-	-	-				
3	Barking Town, <i>H</i>	-	3,814	14,301	16	12	6	2	-	-	-	-	-	2	-	-	-	-				
Middlesex County Asylum, Wandsworth.		-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	2	-				

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Waringham, Parley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in old sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for persons belonging to the Outer Ring.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday. 2nd September, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											Deaths in Public	
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
GREATER LONDON	443,421	6,528,434	22·1	6·2	2768	1262	462	—	48	6	39	41	22	616	72	54		
INNER LONDON -	74,672	4,546,752	22·1	5·6	1931	805	339	—	34	5	29	31	18	368	60	48		
OUTER RING -	368,749	1,981,682	22·0	7·6	837	457	123	—	14	1	10	10	4	248	12	5		

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMO- DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrheal
EDINBURGH -	298,927	Sept. 2	168	132	23·0	-	1	-	1	4	1	
GLASGOW -	733,903	" 2	503	372	26·4	-	5	5	1	8	6	
DUBLIN -	349,594	" 2	194	205	30·6	-	14	-	1	3	4	
CALCUTTA -	466,460	July 29	-	255	28·5	-	-	-	1	-	86†	
BOMBAY -	821,764	Aug. 8	226	571	36·1	6	11	?	?	?	128†	
MADRAS -	452,518	July 21	316	308	35·3	1	7	?	?	?	71	
PARIS -	2,511,629	Aug. 26	1100	1019	21·9	-	26	2	3*	1	28	17
BRUSSELS -	551,011	" 26	239	199	18·4	-	3	2	1*	-	1	
AMSTERDAM -	517,595	" 19	285	134	13·5	-	-	-	-	1	-	
ROTTERDAM -	315,305	" 19	220	133	22·1	-	-	-	1	1	-	
THE HAGUE -	199,285	" 19	107	75	19·6	-	-	-	-	-	-	
COPENHAGEN -	345,000	" 26	222	176	26·6	-	-	1	4	2	1	
STOCKHOLM -	291,580	" 19	109	99	17·6	-	-	-	7*	-	1	
CHRISTIANIA -	221,255	" 26	123	91	21·4	-	-	1	-	-	1	
ST. PETERSBURG	1,132,677	" 19	583	502	23·1	1	13	5	17	6	32	
MOSCOW -	988,610	" 19	-	619	32·7	1	8	2	3	1	4	2
BERLIN -	1,818,517	" 12	914	804	23·1	-	24	7	6	5	-	3
HAMBURG -	675,351	" 26	-	306	23·6	-	-	1	4*	7	1	1
DRESDEN -	394,300	July 29	-	-	-	-	-	-	-	-	-	-
BRESLAU -	406,012	Aug. 26	-	236	30·3	-	-	1	-	1	2	
MUNICH -	445,000	" 19	318	195	22·8	-	-	-	-	2	-	
VIENNA -	1,623,134	" 26	915	585	18·7	-	5	2	5*	2	1	1
PRAGUE -	384,622	" 26	179	128	17·3	-	1	2	2	-	2	
BUDA-PESTH -	666,722	" 19	437	274	21·5	-	3	9	3	1	4	
TRIESTE -	166,599	" 12	93	84	26·2	-	-	3	1*	1	-	
ROME -	505,850	" 5	183	146	15·1	-	-	-	1	-	6	
TURIN (10 days)	344,203	July 10	-	-	-	-	-	-	-	-	-	
VENICE -	171,023	Aug. 19	68	77	23·5	-	-	-	1*	-	3	
CAIRO -	570,062	-	-	-	-	-	-	-	-	-	-	
ALEXANDRIA -	319,766	-	-	-	-	-	-	-	-	-	-	
NEW YORK (including BROOKLYN)	3,550,053	Aug. 5	1611	1245	18·3	-	8	5	19	15	15	1
PHILADELPHIA -	1,266,832	" 12	-	445	18·3	-	-	2	8	3	9	

\* Including deaths from croup.

† Including 12 deaths from plague in Calcutta and 75 in Bombay.

‡ Including 37 deaths from cholera in Calcutta and 2 in Bombay.







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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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September 11th, 1899.*

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 25·2 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Aug. 19.	Aug. 26.	Sept. 2.	Sept. 9.		Aug. 19.	Aug. 26.	Sept. 2.	Sept. 9.
33 Great Towns	25·7	26·8	25·5	25·2	Leicester - -	22·7	28·3	25·1	25·1
Birkenhead -	22·2	26·7	24·0	18·1	Liverpool - -	31·8	36·7	33·7	32·2
Birmingham -	30·0	30·7	28·6	28·9	London - - -	25·3	24·1	22·1	22·2
Blackburn -	16·2	25·5	19·7	24·3	Manchester - -	30·3	33·7	30·5	32·8
Bolton -	20·6	27·3	33·4	33·8	Newcastle-on-Tyne	23·0	27·4	32·6	35·8
Bradford -	19·4	24·1	26·3	23·8	Norwich - - -	27·2	23·9	23·9	23·0
Brighton -	33·9	30·9	34·3	31·3	Nottingham - -	25·3	30·1	25·9	27·4
Bristol -	24·0	23·7	18·5	20·8	Oldham - - -	20·8	22·5	29·7	25·6
Burnley -	38·3	35·5	33·7	43·8	Plymouth - - -	30·6	32·6	20·7	22·8
Cardiff -	23·6	24·1	28·9	25·5	Portsmouth - -	32·5	32·0	32·5	21·3
Croydon -	20·8	20·8	18·8	18·4	Preston - - -	27·9	30·1	38·1	28·8
Derby -	23·0	23·0	31·4	26·5	Salford - - -	29·6	38·0	36·8	31·1
Gateshead -	20·1	27·9	23·0	21·5	Sheffield - - -	27·4	29·5	29·2	30·3
Halifax -	12·8	21·9	21·3	19·7	Sunderland - -	18·3	32·2	29·0	31·9
Huddersfield -	13·6	21·2	25·2	22·7	Swansea - - -	25·1	22·1	18·6	22·1
Hull -	24·7	26·3	27·4	27·2	West Ham - - -	25·2	25·7	20·7	22·2
Leeds -	22·6	23·2	19·9	18·1	Wolverhampton -	35·2	21·7	34·6	36·4

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 3·2 in Burnley; from *whooping-cough*, 1·4 in Cardiff; from "*fever*," 1·8 in Sunderland; and from *diarrhœa*, 6·3 in Nottingham, 6·4 in Sheffield, 6·9 in Salford, 7·3 in Gateshead, 7·5 in Bradford, 7·9 in Sunderland, 8·2 in Wolverhampton, 8·4 in Liverpool, 8·8 in Birmingham, 10·2 in Brighton, in Leicester, and in Hull, 11·1 in Huddersfield, 11·5 in Manchester, 12·0 in Norwich, 12·9 in Burnley, 13·3 in Preston, and 13·8 in Bolton. In none of the thirty-three towns did the death-rate from "*scarlet fever*" reach 1·0 per 1000. The 68 deaths from *diphtheria* included 24 in London, 6 in Birmingham, 6 in Liverpool, 5 in Leicester, 4 in Leeds, and 4 in Sheffield. One death from *small-pox* was registered in Hull, but not one in any other of the thirty-three towns.

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained

## LONDON.

In LONDON\* 2442 BIRTHS and 1934 DEATHS were registered. Allowing for increase of population, the births were 178 below, and the deaths 455 above the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 25·3, 24·1, and 22·1, in the preceding three weeks, was 22·2 last week. During the four weeks ending on Saturday last the death-rate averaged 23·4 per 1000, being 5·3 per 1000 above the mean rate in the corresponding periods of the ten years 1889-98.

The 1934 deaths included 33 from measles, 5 from scarlet fever, 24 from diphtheria, 25 from whooping-cough, 1 from typhus, 11 from enteric fever, 322 from diarrhoea and dysentery, 8 from cholera and choleraic diarrhoea, and not one death from small-pox, or from any ill-defined form of continued fever; thus, 429 deaths were referred to these diseases, being 148 above the corrected average weekly number.

The deaths from *measles*, which had been 48, 52, and 34 in the preceding three weeks, were 33 last week, the corrected average being 24; 5 cases belonged to Lambeth sanitary area. The deaths from *scarlet fever*, which had been 8, 7, and 5 in the preceding three weeks, were again 5 last week, the corrected average being 20. The deaths from *diphtheria*, which had been 33, 29, and 29 in the preceding three weeks, further fell last week to 24, and were 12 below the corrected average; 3 cases belonged to Hackney, 3 to Lambeth, and 3 to Camberwell sanitary areas. The deaths from *whooping-cough*, which had been 28, 18, and 31 in the preceding three weeks, fell again last week to 25, and were 7 below the corrected average; 5 cases belonged to Islington sanitary area. The fatal cases of *enteric fever*, which had been 11, 16, and 18 in the preceding three weeks, fell again last week to 11, the corrected average being 16; 2 cases belonged to Lambeth, and 2 to Camberwell sanitary areas. The death of a male, aged 36 years, in St. George in the East sanitary area, was certified as due to *typhus fever*. The deaths from *diarrhoea*, which had been 481, 426, and 368 in the preceding three weeks, further fell last week to 322, but were 174 above the corrected average. Of the 322 deaths from diarrhoea, 298 were of children under 5 years of age; 158 more deaths at this age-period were attributed as due to *gastro-enteritis*, which appears as a separate heading in Table 4. The deaths referred to diseases of the respiratory organs, which had been 148, 169, and 131 in the preceding three weeks, rose again last week to 170, and were 24 above the corrected average. The deaths attributed directly to *influenza* numbered 3, having been 4, 3, and 1 in the preceding three weeks.

Different forms of violence caused 65 deaths, concerning all of which inquests were held. Of these 65 deaths, 7 were cases of suicide, and 1 of homicide, while the remaining 57 were attributed to accident or negligence. Eight of these were referred to vehicles in the streets, 4 to drowning, 1 to sunstroke, 1 to the effects of chloroform administered for surgical purposes, and 8 (of infants under one year of age), to suffocation in bed.

## CASES OF INFECTIOUS SICKNESS IN HOSPITALS.†

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2550 cases of scarlet fever, 1463 of diphtheria, and 224 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 298 cases, against 245, 225, and 252; of diphtheria, 183 cases, against 172, 188, and 176; and of enteric fever, 29 cases, against 38, 28, and 29.

\* Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylum situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

† The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases, the diagnosis is found after sojourn in the Hospital to have been erroneous.



## GREATER LONDON.

In Greater London 3629 births and 2714 deaths were registered, corresponding to annual rates of 29·0 and 21·7 per 1000 of the estimated population. In the Outer Ring 6 deaths from measles, 4 from scarlet fever, 8 from diphtheria, 7 from whooping-cough, 7 from "fever," and 204 from diarrhoea were registered. Three deaths from "fever" and 62 from diarrhoea occurred in West Ham district.

## METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·84 inches, and that of the Thermometer 65°·6; the latter being 6°·5 above the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 30 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 47·5 hours; the measured rainfall amounted to 0·54 of an inch.

## RETURNS OF LONDON WATER COMPANIES.

The LONDON WATER COMPANIES have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of August 1899. The supply was in the ratio of 278 gallons to one service.

COMPANIES.	Number of Services.		Daily Supply of Water in Gallons.	
	AUGUST, 1898.	AUGUST, 1899.	AUGUST, 1898.	AUGUST, 1899.
TOTAL SUPPLY - - -	865,200	878,906	224,713,135	244,416,842
From Thames - - - - -	416,042	416,903	122,399,328	131,771,189
From Lea and from other Sources -	449,158	461,998	102,313,807	112,645,653
THAMES.				
Chelsea - - - - -	38,003	38,426	12,530,760	14,272,593
West Middlesex - - - - -	82,696	84,369	22,370,405	23,728,864
Southwark and Vauxhall - - -	121,925	115,037	35,928,092	38,152,332
Grand Junction - - - - -	62,917	64,963	21,690,023	24,034,378
Lambeth - - - - -	110,501	114,113	29,380,048	31,683,022
LEA AND OTHER SOURCES.				
New River - - - - -	164,929	167,467	42,971,423	44,521,050
East London - - - - -	195,894	202,672	40,656,000	47,416,000
Kent - - - - -	88,335	91,859	18,686,384	20,708,603

Note.—The Return for August, 1899, as compared with that for the corresponding month of 1898, shows an increase of 13,706 services and of 13,703,707 gallons of water supplied daily.

## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING AUGUST, 1899.

*Water-analysis Laboratory, The Yew, Reigate,  
8th of September, 1899.*

SIR,

In consequence of the sudden death of Sir Edward Frankland the Local Government Board have specially requested me to furnish a report on the waters supplied to the Metropolis during the month of August. I therefore forward to you, as usual, a copy of this report recording the results of the several examinations I have made of the London water-supply.

These examinations are conducted with a view of ascertaining (a) the bacterial and chemical condition of the raw river waters at the intakes of the several Companies, (b) the bacterial condition of the water as it issues from the filter beds of each Company, and (c) the chemical condition of the water in the distributing mains.

I append also, for the purposes of comparison, the results obtained in the chemical analysis of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill, of Birmingham, and Dr. Mills, of Glasgow.

Taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December 1876, as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies, was:—Kent 0·8, New River 1·1, East London (deep well) 1·6, Southwark 2·1, East London, Grand Junction, and West Middlesex 2·2, Chelsea and Lambeth 2·3.

The unfiltered waters contained the following proportions:—Thames at Hampton 4·4, New River Cut 1·9, and Lea at Angel Road 4·8.

The Thames at Hampton was, on August 1st, turbid and pale yellow in colour. It contained, however, only a very moderate proportion of organic matter, and, as is generally the case at this season of the year, bacterial life was present in only very moderate amount. After storage by the Chelsea and West Middlesex Companies, this bacterial life was, as usual, very greatly reduced, illustrating the great value of this means of preliminary purification. The water supplied by the five Companies drawing from the Thames was in every case clear, well filtered, and of excellent chemical quality. The number of bacteria found in several of the

# *Analysis of Metropolitan Waters.*

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.		Date and Place of Collection.	Temperature in Centigrade degrees.	Total Solid Matters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen as Ni- trates and Nitrites.	Total Combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.	August 1st. (Unfiltered water) - { Grand Junction Co.'s intake at Hampton. }	23.2	25.48	.226	.034	.007	.127	.167	2.0	16.9
	Chelsea - - -	August 4th. { Cab Rank, Horse Guards, Whitehall. }	21.7	23.40	.118	.017	0	.111	.128	1.9	15.7
	West Middlesex -	August 4th. { Cab Rank, Riding House- street. }	19.0	22.16	.112	.015	0	.092	.107	1.8	15.4
	Southwark - - -	August 4th. { Cab Rank, St. George's Church, Borough. }	22.6	23.54	.110	.012	0	.104	.116	1.9	16.3
	Grand Junction -	August 4th. { Cab Rank, Portman- street, Oxford-street. }	21.8	23.50	.114	.017	0	.112	.129	1.9	16.3
	Lambeth - - -	August 4th. { Cab Rank, St. George's- road, Southwark. }	22.8	24.32	.118	.017	0	.144	.161	1.9	16.6
	LEA.	August 3rd. (Unfiltered water) - { New River Cut at Green Lanes. }	20.8	32.84	.091	.020	.008	.199	.226	2.1	18.3
	New River - - -	August 4th. { Cab Rank, Tottenham Court-road. }	21.1	31.08	.055	.010	0	.162	.172	2.0	19.4
	(Unfiltered water) -	August 3rd. { East London Co.'s intake at Angel-road. }	23.4	27.20	.248	.033	.010	.093	.134	2.1	18.0
	East London - -	August 4th. { Cab Rank, Sidney-street, E. }	23.0	27.06	.112	.015	0	.120	.135	1.9	17.1
Outer Circle.	DEEP WELLS.	August 4th. { Kent - - - - Police Station, Blackheath-road. }	13.5	39.66	.039	.006	0	.454	.460	2.3	27.5
	East London - -	August 25th. { Chingford Well. }	—	29.64	.088	.006	.014	trace	.017	2.0	21.5
	Corporation of Birming- ham* - - - -	August 15th. { Court rear of 164 & 165 Grange-road. }	18.3	31.20	.140	.030	.001	.250	.281	3.3	18.0
	Corporation of Glasgow†	August 15th. { Loch Katrine water. }	17.4	2.88	.132	.021	0	.003	.024	.77	1.27
Column 1.			3.	4.	5.	6.	7.	8.	9.	10.	11.

\* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers contained in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus:—The Thames water collected on the 1st August at the Grand Junction Company's intake at Hampton had a temperature of 23.2° C.; 100,000 lbs. of it contained 25.48 lbs. of solid matter in solution; the organic substances, constituting a portion of this matter, contained .226 lb. of carbon and .034 lb. of nitrogen. The above quantity of water also contained .007 lb. of ammonia and .127 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was .167 lb. The above weight of water also contained 2.0 lbs. of chlorine, and 16.9 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.



filtered samples was, however, somewhat greater than usual, although by no means excessive. In the case of the Southwark Company's water this larger number is doubtless accounted for by the fact that no less than seven newly constructed filters were contributing to the supply. The efficiency of the purification processes (storage and filtration), employed by the Companies is best ascertained by comparing the number of bacteria present in the Thames water passing the intakes with that found in the water as it issues from the filter beds. Thus, out of every 100 bacteria present in the original Thames water the following numbers were removed at the works of the several Companies:—Chelsea 93·2, West Middlesex 90·2, Southwark (No. 2 Filter Well) 99·5, Southwark (No. 15 Filter Well) 89·5, Southwark (general supply from Hampton) 89·7, Grand Junction (general filter well at Hampton) 90·4, Grand Junction (general supply at Kew Bridge) 97·5, Lambeth 99·7.

The New River Cut, before entering the storage and subsidence reservoirs of the New River Company, on the 3rd August, was turbid and very pale yellow, but the amount both of organic matter and of bacterial life was remarkably small. In passing through the subsidence reservoirs the amount of bacterial life is generally much reduced, but on this occasion, in consequence of the water in the reservoirs being disturbed through the weed-cutting operations which were in progress at the time, the number of bacteria was actually increased during the passage. This shows the extreme delicacy of the bacteriological test in detecting any disturbing influence that may be at work.

This water, after filtration by the New River Company, was both chemically and bacterially similar to deep well water. Out of every 100 bacteria present in the water of the New River Cut 92·7 were removed by the Company before distribution.

The River Lea, at Angel Road passing the intake of the East London Company, was, on August 3rd, turbid and pale yellow; it contained practically the same amount of organic matter as the Thames water, but considerably more bacterial life, which was, however, greatly reduced by storage. On subsequent filtration by the East London Company, this water was clear, of excellent chemical quality, and contained only a very small number of bacteria. The improvement effected in the Lea water by the East London Company is shown by the fact that out of every 100 bacteria present in the river water at the intake, the following numbers were removed in the purification processes employed:—No. 1 Essex filters 99·0, No. 2 Essex filters 99·3, Middlesex filters 98·3.

The deep-well water supplied by the Kent and East London Companies was clear and bright without filtration, and of a very high degree of organic purity.

A sample of water taken from the "New Well" of the Kent Company at Deptford contained, as usual, only a very small number of bacteria.

Seen through a stratum two feet deep, the New River, Kent and East London (deep-well) waters were clear and colourless, all the remaining waters being clear and very pale yellow.

In the following table is recorded the number of micro-organisms found in the various samples of water submitted to gelatine cultivation:—

DESCRIPTION.	Microbes per c.c.	Temp. C.
<b>RAW AND STORED RIVER WATERS.</b>		
River Thames at Hampton, August 1st	2,240	23·2
" " after storage by Chelsea Company, August 1st	604	22·0
" " by West Middlesex Company, August 2nd	600	21·6
Grand Junction Company's water at Kew Bridge passing to filters, August 2nd	520	22·7
New River Cut before passing through reservoirs, August 3rd	300	20·8
" " after " " " "	700	18·7
River Lea at Angel Road, August 3rd	6,020	23·4
" " after storage by East London Company, August 3rd	1,240	22·7
<b>FILTERED RIVER WATERS AS SUPPLIED.</b>		
<b>THAMES.</b>		
Chelsea Company's general filter well, August 1st	152	22·7
West Middlesex Company's general filter well, August 2nd	220	21·3
Southwark Company's No. 2 filter well, August 1st	12	21·7
" " No. 15 " " "	236	21·6
" " tap on filtered water main at Hampton works, August 1st	230	22·3
Grand Junction Company's general filter well at Hampton, August 1st	214	21·7
" " tap on filtered water main at Kew Bridge Works, August 2nd	56	22·2
Lambeth Company's general filter well, August 1st	6	21·5
<b>LEA.</b>		
New River Company's general filter well, August 3rd	22	21·5
East London Company's No. 1 Essex filters, August 3rd	58	21·7
" " No. 2 " " "	40	21·7
" " Middlesex " " "	100	22·0
<b>DEEP-WELL.</b>		
Kent Company's "New" Well at Deptford, August 4th	38	11·3



Dr. Hill, F.I.C., Medical Officer of Health for Birmingham, reports that the water supplied by the Corporation of that City was, on August 15th, "very slightly turbid and pale green."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that City from Loch Katrine was, on August 15th, "light brown in colour, and contained a little suspended matter."

I am, &c.,

PERCY F. FRANKLAND.

The Registrar-General, &c., &c.

CITIES AND BOROUGH.	POPULATION estimated to the middle of the Year 1895.*		Registered during the Week ending 9th Sept. 1896.		The DEATHS registered in the Week include										TEMPERATURE OF THE AIR.										RAINFALL.		CITIES AND BOROUGH.
	1.	2.	3.	4.	Deaths of		Deaths from						Deaths in Public Institutions.				Unrecorded Causes of Death.	Annual Rate per 1000, corresponding to the Week of Deaths.		Mean.		In Inches.	In Centi- metres.				
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Rever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.		Unrecorded Causes of Death.	From All Causes.	From Diseases in Cols. 6-12.	Highest.			Lowest.	Fahrenheit.	Centigrade.	
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.		
33 TOWNS.	11,404,408	6615	5511	2379	917	1	73	27	68	68	61	1290	144	303	987	42	252	73	873	440	621	1672	029	074	33 TOWNS.		
LONDON.																									LONDON.		
WEST HAM.	4,546,752	2442	1934	744	337	-	33	5	24	25	12	322	65	160	559	7	222	48	873	479	656	1867	054	137	WEST HAM.		
CROYDON.	300,241	185	128	67	22	-	-	-	-	2	2	12	2	2	4	12	222	66	-	-	-	-	-	-	CROYDON.		
BRIGHTON.	127,759	55	45	21	10	-	-	-	-	1	-	12	1	2	9	-	184	53	500	644	1800	079	201	000	BRIGHTON.		
PORTSMOUTH.	123,226	67	74	34	13	-	1	-	-	-	-	24	5	7	15	1	313	106	526	646	1811	000	000	033	PORTSMOUTH.		
PLYMOUTH.	190,741	100	78	27	13	-	-	-	-	1	1	21	2	4	7	-	213	63	510	656	1867	013	033	066	PLYMOUTH.		
BRISTOL.	160,637	57	44	11	11	-	-	-	1	-	-	7	-	4	4	-	208	41	-	-	-	-	-	-	BRISTOL.		
CARDIFF.	320,911	185	128	50	33	-	-	1	2	5	2	16	2	3	6	-	255	70	800	490	631	1728	026	066	CARDIFF.		
SWANSEA.	185,826	105	91	40	16	-	-	-	1	-	-	9	1	1	2	-	221	50	-	-	-	-	-	-	SWANSEA.		
WOLVERHAMPTON	103,722	71	44	17	7	-	-	-	-	-	-	-	-	-	-	-	364	88	802	440	585	1472	026	066	WOLVERHAMPTON		
BIRMINGHAM.	88,821	62	62	33	13	-	-	-	-	1	-	14	1	4	5	-	289	106	-	-	-	-	-	-	BIRMINGHAM.		
NORWICH.	514,956	380	285	158	34	-	8	1	6	2	1	87	3	7	28	4	230	124	-	-	-	-	-	-	NORWICH.		
LEICESTER.	113,266	60	50	31	10	-	-	-	1	-	-	26	-	3	5	1	251	129	-	-	-	-	-	-	LEICESTER.		
NOTTINGHAM.	213,851	127	103	57	18	-	1	-	5	2	3	42	3	4	5	2	274	72	818	470	622	1678	011	028	NOTTINGHAM.		
DERBY.	239,384	130	126	47	33	-	-	-	-	-	-	29	4	6	17	-	265	64	-	-	-	-	-	-	DERBY.		
BIRKENHEAD.	106,401	70	54	20	17	-	1	1	1	-	-	9	1	2	13	-	181	32	-	-	-	-	-	-	BIRKENHEAD.		
LIVERPOOL.	115,102	59	40	18	6	-	-	-	1	1	2	3	3	4	12	1	322	102	749	523	597	1539	030	076	LIVERPOOL.		
BOLTON.	634,212	438	392	177	57	-	4	2	6	8	2	102	15	17	74	8	338	148	-	-	-	-	-	-	BOLTON.		
MANCHESTER.	162,221	103	105	54	18	-	-	1	1	1	1	43	2	8	48	3	328	128	-	-	-	-	-	-	MANCHESTER.		
SALFORD.	543,402	328	342	152	43	-	4	1	2	4	2	120	4	12	48	3	341	86	-	-	-	-	-	-	SALFORD.		
OLDHAM.	218,244	142	130	60	15	-	1	1	1	1	3	29	1	3	17	1	256	53	-	-	-	-	-	-	OLDHAM.		
BURNLEY.	150,772	91	74	24	19	-	1	2	-	2	2	12	1	2	7	-	438	184	-	-	-	-	-	-	BURNLEY.		
BLACKBURN.	113,081	47	65	62	11	-	7	2	-	1	1	28	-	1	3	4	243	46	-	-	-	-	-	-	BLACKBURN.		
PRESTON.	135,154	65	63	29	8	-	1	-	-	1	-	10	1	1	12	-	268	137	-	-	-	-	-	-	PRESTON.		
HUDDESFIELD.	117,622	88	65	35	15	-	-	-	1	-	-	30	1	1	1	-	227	126	757	483	593	1517	029	074	HUDDESFIELD.		
HALIFAX.	103,464	43	45	18	12	-	-	-	-	2	1	22	1	1	6	1	197	53	-	-	-	-	-	-	HALIFAX.		
BRADFORD.	97,721	36	37	13	9	-	-	-	-	2	1	7	-	3	7	9	238	90	764	502	605	1583	031	079	BRADFORD.		
LEEDS.	236,241	105	108	61	18	-	2	2	1	1	1	34	3	7	9	-	181	50	-	-	-	-	-	-	LEEDS.		
SHEFFIELD.	423,880	245	147	54	17	-	4	1	4	3	1	28	4	9	14	-	303	90	-	-	-	-	-	-	SHEFFIELD.		
HULL.	361,169	241	210	83	28	-	3	4	4	1	6	44	6	7	27	4	272	125	840	460	601	1561	021	053	HULL.		
SUNDERLAND.	234,270	169	122	61	15	1	1	2	-	3	3	46	1	4	6	1	319	97	-	-	-	-	-	-	SUNDERLAND.		
GATESHEAD.	145,613	108	89	44	9	-	-	-	-	-	5	22	1	1	2	1	215	78	-	-	-	-	-	-	GATESHEAD.		
NEWCASTLE.	106,552	74	44	21	9	-	-	-	-	2	1	15	3	3	3	2	358	57	-	-	-	-	-	-	NEWCASTLE.		
NEWCASTLE.	228,625	137	157	77	21	-	1	1	2	2	2	18	2	2	9	1									NEWCASTLE.		

Printed at this station.

TABLE 2. LONDON.—Births and Deaths Registered in the THIRTY-SIXTH Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2373	2469	2496	2604	2556	2369	2486	2449	2655	2446	2620.1	2442
Males - -	1215	1268	1298	1316	1327	1203	1246	1281	1374	1222	1341.4	1212
Females - -	1158	1201	1198	1288	1229	1166	1240	1168	1281	1224	1278.7	1230
<b>TOTAL Deaths -</b>	1170	1514	1217	1361	1560	1175	1358	1308	1391	2007	1479.4	1934
Males - -	605	772	644	705	796	629	704	685	708	1049	767.7	967
Females - -	565	742	573	656	764	546	654	623	683	958	711.7	967

\*The numbers in this column are the average weekly numbers in the thirty-sixth week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	June 17.	June 24.	July 1.	July 8.	July 15.	July 22.	July 29.	Aug. 5.	Aug. 12.	Aug. 19.	Aug. 26.	Sept. 2.	Sept. 9.	
TOTAL Births	-	2571	2422	2441	2484	2351	2444	2494	2577	2214	2671	2646	2532	2442
TOTAL Deaths	-	1316	1355	1297	1310	1387	1589	1884	2200	2068	2208	2100	1931	1934
Ages at Death	Under 1 year	299	272	264	299	367	556	805	1049	1015	1043	916	805	744
	1-5 years	173	199	156	184	175	201	223	237	242	242	254	265	250
	5-20 "	71	91	78	86	82	85	98	99	74	88	89	80	75
	20-40 "	171	215	212	157	171	151	161	203	163	204	229	181	215
	40-60 "	290	279	287	255	271	279	269	310	239	298	290	261	313
	60-80 "	260	254	240	270	270	254	264	238	244	262	264	265	267
(80 years and upwards	52	45	60	59	51	63	64	64	41	71	58	74	70	
Deaths from—														
Small pox	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Measles	-	64	65	51	50	48	46	56	60	54	48	52	34	33
Scarlet Fever	-	7	4	11	12	4	8	5	8	8	8	7	5	5
Diphtheria	-	35	28	25	31	37	42	35	44	26	33	29	29	24
Whooping-cough	-	35	35	26	27	26	20	19	27	16	28	18	31	25
Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever	-	6	6	11	7	6	8	13	13	12	11	16	18	11
Simple Continued Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery	-	12	9	20	23	75	185	350	477	463	481	426	368	322
Cholera	-	-	1	-	-	2	7	12	21	21	16	21	22	8
All the above Diseases	-	159	148	144	155	199	316	490	648	600	625	569	507	429
Dis. of Respiratory System	-	207	190	159	191	176	149	169	157	163	148	169	131	170
Phthisis	-	133	153	153	139	115	116	112	145	134	151	152	140	167
Dis. of Circulatory System	-	125	116	124	114	122	116	123	110	96	114	112	114	132
Violence	-	60	86	73	49	67	77	82	91	72	70	60	60	65
Inquest Cases	-	124	162	143	120	128	137	156	161	151	153	139	134	160
Deaths in Public Institutions	-	436	460	456	414	454	453	462	521	451	517	526	484	559
TEMPERATURE OF THE AIR.														
Mean	-	56.3	60.7	62.3	62.3	66.2	70.2	64.8	67.5	63.8	66.5	66.4	63.5	65.6
Mean of Highest readings	-	69.3	69.7	73.1	71.9	77.7	83.2	75.4	78.3	74.6	77.4	79.8	74.1	76.5
Mean of Lowest readings	-	45.1	53.7	53.8	54.3	56.9	57.9	55.3	57.3	55.7	57.2	53.6	55.2	55.2
Humidity of the Air	-	67	73	68	71	67	58	67	69	73	64	63	71	70
Rain-fall (in inches)	-	0.00	0.51	0.74	0.13	0.09	0.06	0.97	0.09	0.02	0.00	0.00	0.29	0.54
Registered Sunshine (in hours)	-	68.0	26.2	43.9	31.4	49.4	71.0	63.6	79.7	54.9	49.4	74.8	53.4	47.5
CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.														
Small-pox	-	1	1	2	-	-	-	1	-	-	-	-	-	-
Scarlat Fever	-	2280	2367	2430	2530	2602	2653	2667	2704	2674	2613	2548	2538	2550
Diphtheria	-	1170	1230	1280	1347	1434	1488	1545	1526	1519	1508	1512	1502	1463
Enteric Fever	-	93	109	105	94	99	104	131	158	183	196	203	213	224

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R.Met.Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley Wolverhampton; Arthur Brown, Esq., M.Inst.C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst.C.E., Bradford; and Mr. E. Peak, Hull.



TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-SIXTH Week of the Year 1899.

CAUSES OF DEATH		In the Week ending Saturday, 9th September 1899.										In the Week ending Saturday, 9th September 1899.											
		Deaths of Persons of the Ages										Deaths of Persons of the Ages											
		ALL AGES.					ALL AGES.					ALL AGES.					ALL AGES.						
		Under 20.		20 and under 40.		40 and under 60.		60 and under 80.		80 years and upwards.				Under 20.		20 and under 40.		40 and under 60.		60 and under 80.		80 years and upwards.	
		0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	
Diseases of Circulatory System		111.2	132	2	11	21	54	36	8														
Croup		3.3	2	2	-	-	-	-	-														
Bronchitis		68.4	54	11	6	1	1	10	20														
Pneumonia		54.4	93	23	28	4	11	16	9														
Pleurisy		3.9	3	-	1	-	1	-	-														
Other Diseases of Respiratory System		16.4	18	4	4	1	4	2	3														
Dentition		6.9	3	2	1	-	-	-	-														
Quinsy, Sore Throat		2.2	1	-	-	1	-	-	-														
Enteritis		57.4	32	19	4	5	-	2	2														
Gastro-enteritis		172	126	32	2	2	4	6	-														
Peritonitis		6.6	4	-	1	2	-	1	-														
Diseases of Liver		25.6	29	1	-	5	14	9	-														
Other Diseases of Digestive System		29.8	38	15	-	1	7	7	6														
Diseases of Lymphatic System & of Ductless Glands		2.1	2	-	-	-	1	-	-														
Diseases of Urinary System		40.4	43	-	-	2	8	14	18														
Diseases of Generative System		4.2	6	-	-	-	2	4	-														
Accidents of Childbirth		6.0	6	-	-	-	4	2	-														
Diseases of Locomotive System		5.2	6	1	-	2	2	-	-														
Diseases of Integumentary System		7.2	8	1	-	-	1	4	1														
VIOLENT DEATHS.†																							
(ACCIDENT.)																							
By Railways			1	-	-	-	1	-	-														
By Vehicles or Horses			8	-	1	-	2	1	3														
In Ships, Boats, Docks, (exclusive of Drowning)			1	-	-	1	-	-	-														
In Building Operations - In Conflagrations			1	-	-	-	-	1	-														
By Burns, Scalds, Explosions		48.7	5	-	5	-	-	-	-														
By Drowning			4	-	-	-	2	2	-														
By Suffocation in Bed			8	8	-	-	-	-	-														
By Poisons or Poisonous Vapours			4	-	-	1	1	2	-														
Other or not stated causes			25	2	1	3	4	6	5														
(VIOLENCE OTHER THAN ACCIDENTAL.)																							
Homicide		0.8	1	-	-	-	1	-	-														
Suicide		7.8	7	-	-	-	2	4	1														
Execution			-	-	-	-	-	-	-														
OTHER CAUSES		72.0	98	86	8	-	-	1	2														

The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Where cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the evidence of death is not certified by a registered practitioner, the case is returned under the heading "no statement," when the evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of murder, manslaughter or suicide. All such causes are classed under "accident."

TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered in SUB-DISTRICT during the Week ending Saturday, 9th September, 1899.

REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1896.	Total Births.	Total Deaths.	The DEATHS registered during the Week include														
				Deaths of		Deaths from												
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Fever.	Diarrhœa.	Violence.	Inquest Cases.		
LONDON -	4,411,710	2,442	1,934	744	337	-	33	5	24	25	1	11	-	322	65	160	58	
WEST DISTRICTS - - -	778,251	352	316	119	64	-	1	1	1	3	-	1	-	51	14	35	8	
NORTH DISTRICTS - - -	1,040,694	595	403	158	66	-	4	-	7	11	-	1	-	61	21	38	9	
CENTRAL DISTRICTS - - -	233,635	110	117	43	17	-	1	-	1	-	-	1	-	19	5	13	4	
EAST DISTRICTS - - -	716,334	441	345	136	46	-	5	-	2	3	1	-	-	57	7	40	12	
SOUTH DISTRICTS - - -	1,642,796	944	725	288	131	-	22	3	13	8	-	6	-	130	17	33	17	
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*	-	-	28	-	13	-	-	1	-	-	-	-	-	1	1	1	2	
WEST DISTRICTS.																		
St. Mary Paddington } G. & W.	90,986	53	41	23	4	-	-	-	-	-	-	-	-	14	1	3		
WHH																		
St. John Paddington H - > G.	33,510	4	17	4	3	-	-	-	-	-	-	-	-	2	4	4		
Kensington Town Ww - - W.	122,164	71	66	17	13	-	1	-	-	1	-	-	-	-	2	10	3	
Brompton HH - - W & C.	43,301	7	11	2	4	-	-	1	-	-	-	-	-	-	-	1		
North Hammersmith H } W. & G.	44,638	28	19	9	4	-	-	-	-	-	-	-	-	5	-	2		
South Hammersmith H } W. & G.	59,561	22	21	7	5	-	-	-	-	-	-	-	-	2	1	2		
Fulham Ww - - W. & C.	113,781	69	72	39	11	-	-	-	1	1	-	1	-	18	1	3		
Chelsea Kensal Town - C.	21,450	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chelsea North WHHHH - C.	42,057	16	15	2	5	-	-	-	-	-	-	-	-	2	-	-	-	
Chelsea South HH - C.	33,139	15	8	4	1	-	-	-	-	-	-	-	-	2	-	1	-	
May Fair W - - G.	23,827	1	9	-	5	-	-	-	-	-	-	-	-	-	2	2		
Belgrave WHHH - C.	56,140	22	19	7	6	-	-	-	-	-	-	-	-	2	1	3		
St. John Westminster HH - C.	31,492	14	10	4	2	-	-	-	-	-	-	-	-	1	1	1		
St. Margaret Westminster H- C.	22,097	5	3	1	-	-	-	-	-	-	-	-	-	-	1	1		
St. James Westminster } N. & G.	23,050	12	3	-	1	-	-	-	-	1	-	-	-	-	-	-	-	
WHH																		
St. Anne Soho HHHHHH - N.	12,048	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH DISTRICTS.																		
All Souls Marylebone } - W.	36,595	13	17	4	3	-	-	-	1	-	-	1	-	2	1	1		
HHHHHHHHH																		
Rectory Marylebone W } G. & W.	19,798	8	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary Marylebone } G. & W.	19,637	25	6	2	1	-	-	-	-	-	-	1	-	1	-	-	-	
HHHH																		
Christchurch Marylebone H - W.	32,547	17	6	2	2	-	-	-	-	-	-	-	-	1	-	-	-	
St. John Marylebone HHH - W.	32,611	13	5	4	-	-	-	-	-	-	-	-	-	1	-	-	-	
Hampstead } - N. & W.	75,449	33	23	8	4	-	-	-	1	2	-	-	-	1	2	4		
WwHHHH																		
Regent's Park Pancras HH - W.	37,341	22	11	6	-	-	-	-	-	-	-	-	-	3	-	1		
Tottenham-court } - N. & W.	26,757	13	16	2	3	-	-	-	-	-	-	-	-	2	2	4		
WwHHH																		
Gray's Inn Lane HHH - N.	29,426	22	11	2	-	-	-	-	-	-	-	-	-	2	2	3		
Somers Town HH - N.	32,161	20	13	5	2	-	-	-	-	1	-	-	-	4	-	1		
Camden Town WH - N.	16,669	11	21	4	8	-	1	-	-	-	-	-	-	1	1	2		
Kentish Town WW - N.	98,410	43	41	19	6	-	1	-	-	2	-	-	-	11	2	4		
Upper Holloway } - N.	98,273	63	60	23	12	-	1	-	-	2	-	1	-	9	2	3		
WWwWHH																		
Islington South-west H - N.	107,365	62	34	17	3	-	-	-	-	1	-	-	-	7	2	2		
Islington South-east - N.	66,549	36	23	10	3	-	1	-	-	1	-	-	-	2	3	3		
Highbury HH - N.	64,577	36	25	9	5	-	-	-	-	1	-	-	-	5	-	1		
Stoke Newington H - N.	33,485	16	11	4	3	-	-	-	-	-	-	-	-	3	-	1		
North Hackney - E. & N.			24	11	3	-	-	-	-	-	-	-	-	1	1	1		
Central Hackney ww - E. & N.			33	19	10	1	-	-	4	-	-	-	-	1	1	2		
South-west Hackney HHH E. & N.	213,044	43	20	10	2	-	-	-	-	1	-	-	-	2	2	3		
South-east Hackney WwH E. & N.			42	26	7	6	-	-	-	-	-	-	-	4	1	2		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there-  
 namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other Dis-  
 tricts than that in which it stands; H—Hospital; L—Lunatic Asylum; L—Private Lunatic Asylum in which paupers  
 received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. sig-  
 nify Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N.  
 River; E. East London; and K. the Kent Company.

\* See note \* on second page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1890, and  
 re-named North Hammersmith and South Hammersmith, respectively.



5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each DISTRICT during the Week ending Saturday, 9th September, 1899—continued.

ADMINISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation 1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include															Deaths in Public Institution. Uncertified Deaths
				Deaths of		Deaths from													
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.			
																	Deaths in Public Institution.	Uncertified Causes of Death	
CENTRAL DISTRICTS.																			
Large Bloomsbury - - N.	16,116	9	4	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
St Giles South WH - - N.	12,976	11	5	1	1	-	-	-	-	-	-	-	-	3	-	1	1	-	
St Giles North H - - N.	3,151	2	2	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
St Martin-in-the-Fields HHN. & C.	13,077	4	13	3	1	-	-	-	-	-	-	-	1	-	2	1	1	8	
St Martin WHH - - - N.	11,839	4	4	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
St Martin Union Workhouse, Edmonton	+1,037	-	3	-	2	-	-	-	-	-	-	-	-	-	-	-	3	-	
St Martin W HHHHHHHH - - N.	31,042	10	17	7	1	-	-	-	-	-	-	-	-	1	-	1	3	7	
St Martin Clerkenwell - - N.	15,777	7	7	5	-	-	1	-	-	-	-	-	-	2	1	1	-	-	
St Martin Clerkenwell - - N.	34,356	20	9	7	1	-	-	-	1	-	-	-	-	1	-	1	-	-	
St Martin Il-street - - - N.	16,069	8	7	5	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
St Martin Road HHHL - - - N.	29,597	27	14	3	3	-	-	-	-	-	-	-	-	4	-	1	3	1	
St Martin Cross-street - - - N.	7,595	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St Martin Try - - - N.	4,035	2	3	2	1	-	-	-	-	-	-	-	-	2	-	-	-	-	
St Martin Union Workhouse, } St Martin Ham - - -	+892	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
St Martin Botoiph* BH - - N. & E.	9,762	2	2	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-	
St Martin Regate - - - N.	3,299	2	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St Martin Bulchre WH - - - N.	9,591	21	2	4	-	-	-	-	-	-	-	-	-	2	2	2	20	-	
St Martin Barking - - - N.	9,059	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St Martin London Asylum, Stone - -	+388	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
EAST DISTRICTS.																			
St Martin South H - - E. & N.	17,975	12	6	1	-	-	1	-	-	-	-	-	-	1	-	2	1	-	
St Martin New Town W - - N.	29,575	12	11	4	2	-	-	-	-	-	-	-	-	5	1	3	4	-	
St Martin Old Town - - - N.	27,645	24	7	3	1	-	-	-	-	-	-	-	-	2	-	-	-	-	
St Martin Abchurch WH - - N. & E.	47,163	33	23	9	3	-	-	-	-	-	-	-	-	-	-	1	9	-	
St Martin Green North H - - E.	49,301	32	11	5	-	-	-	-	-	-	-	-	-	6	1	5	-	-	
St Martin Green South - - E.	34,194	27	7	5	-	-	1	-	-	-	-	-	-	1	-	-	-	-	
St Martin Green East WH - - E.	45,667	26	21	11	3	-	-	-	-	-	-	-	-	1	-	-	8	-	
St Martin Fields - - - E. & N.	26,681	13	8	3	-	-	-	-	-	-	-	-	-	3	-	3	-	-	
St Martin End New Town† WH - - E.	51,095	12	53	14	4	-	1	-	-	-	-	-	-	3	2	7	44	-	
St Martin Man's Fields† - - E.		16	10	6	1	-	-	-	-	1	-	-	-	1	-	1	-	-	
St Martin George's North - - - E.	39,576	23	12	7	1	-	-	-	-	-	1	-	-	1	-	-	-	-	
St Martin St. George East W E.	7,930	1	17	6	4	-	-	-	-	-	-	-	-	5	-	4	14	-	
St Martin Well H - - - E. & N.	10,434	5	14	5	-	-	-	-	-	-	-	-	-	2	-	1	10	-	
St Martin Off W - - - E.	14,954	9	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St Martin House - - - E.	32,917	19	7	3	2	-	-	-	1	-	-	-	-	-	-	1	-	-	
St Martin End Old Town West H E.	111,060	{ 36	15	8	2	-	-	-	-	-	-	-	-	3	1	3	-	-	
St Martin End Old Town East† - E.			24	9	5	-	-	-	-	-	-	-	-	4	-	2	9	-	
St Martin View - - -																			
St Martin Ley WWWH - - - E.	41,687	35	22	13	1	-	1	-	-	-	-	-	-	9	-	-	1	-	
St Martin Ley WW - - - E.	69,821	42	47	9	11	-	1	-	1	-	-	-	-	5	2	5	20	-	
St Martin Ley WW - - - E.	57,759	36	26	12	5	-	-	-	-	2	-	-	-	5	-	2	1	-	

\* The Sub-Districts of St Botoiph and Broad Street were united on 1st September 1899.

† Population in 1891, not included in the total population of the Central Districts or of London.

Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.



TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 9th September, 1899—continued.

REGISTRATION SUB-DISTRICTS		Enu- mer- ated Popu- lation, 1896.	Total Births.	Total Deaths.	The DEATHS registered during the Week include												Inquest Cases.
					Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from										
							Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	
SOUTH DISTRICTS.																	
Christchurch Southwark	WHL & S.	13,064	6	2	1	-	-	-	-	-	-	-	-	-	-	1	1
St. Saviour Southwark	- S.	12,301	10	3	-	-	-	1	-	-	-	-	-	-	-	1	-
Kent-road	- S. & L.	22,879	21	14	7	1	-	2	-	-	-	-	-	-	-	3	2
Borough-road	WH - S. & L.	16,083	12	13	9	-	-	-	-	-	-	-	-	-	-	3	-
London-road	HL - L. & S.	21,316	12	4	4	-	-	-	-	-	-	-	-	-	-	1	-
Trinity Newington	- S. & L.	28,723	13	11	5	2	-	-	-	-	-	-	-	-	-	2	-
St. Peter Walworth	W - S. & L.	62,045	32	22	9	5	-	2	-	-	1	-	-	-	-	3	2
St. Mary Newington	- L. & S.	30,171	24	12	6	2	-	-	-	-	-	-	-	-	-	2	-
St. Olave	WH - - - S.	11,731	10	28	3	-	-	2	-	1	-	-	-	-	-	-	3
Bermondsey	W - - - S.	85,475	59	38	21	4	-	1	-	-	-	-	-	-	-	6	1
Rotherhithe	WwH - S. & K.	40,379	26	26	9	5	-	1	-	-	-	-	-	-	-	2	2
Waterloo-road	HH - L. & S.	28,396	20	8	3	1	-	-	-	-	1	-	1	-	-	1	-
Lambeth Church 1st	H - L. & S.	18,770	9	23	4	4	-	-	-	1	-	-	-	-	-	3	3
Lambeth Church 2nd	WW - L. & S.	40,994	19	40	16	8	-	3	-	-	-	-	-	-	-	10	3
Kennington 1st	H - S. & L.	52,486	24	18	6	6	-	1	-	-	-	-	-	-	-	6	6
Kennington 2nd	- S. & L.	43,244	26	11	7	-	-	1	-	-	-	-	-	-	-	2	-
Brixton	w - L. & S.	81,825	47	31	12	6	-	-	1	-	2	-	2	-	-	7	1
Norwood	WH - - L.	29,318	19	11	7	-	-	-	-	-	-	-	-	-	-	5	1
East Battersea	- - - S.	71,730	46	12	8	2	-	-	-	-	-	-	-	-	-	1	-
West Battersea	WwH - - S.	93,385	58	94	13	7	-	-	-	-	-	-	-	-	-	5	-
Clapham	H - - - S.	46,953	22	17	6	5	-	1	-	-	-	-	-	-	-	4	-
Wandsworth	WHHL - - S.	58,101	27	19	10	2	-	-	-	-	-	-	-	-	-	7	-
Putney	- - - S.	20,566	9	10	4	-	-	-	-	-	-	-	-	-	-	2	-
Streatham	WwwwL - L.	61,644	35	33	19	3	-	-	-	5	1	-	-	-	-	11	-
Dulwich	- - - L. & S.	7,519	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell	Wwll - S. & L.	90,286	44	69	13	22	-	1	-	-	-	-	-	-	-	6	-
Peckham	WW - S., L., & K.	88,242	45	27	10	2	-	-	-	-	1	-	2	-	-	5	-
St. George Camberwell	- L. & S.	67,029	35	20	7	2	-	1	-	-	-	-	-	-	-	4	-
Deptford North	- - - K.	36,152	26	17	9	1	-	2	-	-	-	-	-	-	-	1	2
Deptford Central	w - - - K.	45,441	27	25	10	3	-	1	-	2	-	-	-	-	-	5	2
Deptford South	- - - K.	33,402	14	13	6	1	-	-	-	1	-	-	-	-	-	2	1
Greenwich West	H - - - K.	23,012	15	3	3	-	-	-	-	-	-	-	-	-	-	1	-
Greenwich East	WH - - - K.	37,767	28	25	7	6	-	-	-	-	-	-	-	-	-	4	-
Eltham	wH - - - K.	5,911	3	5	1	3	-	-	-	-	-	-	-	-	-	-	-
Lee	H - - - K.	24,222	7	4	-	4	-	-	-	-	-	-	-	-	-	-	-
Lewisham	WwH - - - K.	38,139	20	22	10	5	-	-	-	1	-	-	-	-	-	7	-
Sydenham	H - - - L.	37,601	22	8	4	1	-	-	-	-	-	-	-	-	-	1	-
Charlton	wHB - - - K.	15,928	11	11	3	2	-	-	2	2	-	-	1	-	-	1	-
Woolwich Dockyard	- - - K.	19,355	9	7	3	1	-	-	-	-	2	-	-	-	-	1	-
Woolwich Arsenal	HHHH - K.	21,959	15	6	3	1	-	1	-	-	-	-	-	-	-	1	-
Plumstead West	H - - - K.	16,714	10	7	2	3	-	1	-	-	-	-	-	-	-	1	-
Plumstead East	WH - - - K.	42,538	26	16	8	5	-	-	-	-	-	-	-	-	-	5	1
Banstead Asylum	- - - -	-	-	6	-	4	-	-	-	-	-	-	-	-	-	-	-
Horton Asylum, Epsom	- - - -	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Caterham Asylum	- - - -	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-
Cane Hill Asylum	- - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hospital Ships and Camp, Dartford	- - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Darenth Asylum	- - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London County Asylum, Dartford	- - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heath	- - - -	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Hanwell Asylum	- - - -	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Colney Hatch Asylum	- - - -	-	-	5	-	3	-	-	-	-	-	-	-	-	-	-	1
N.E. Hospital	- - - -	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-
Winchmore Hill Hospital	- - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leavesden Asylum	- - - -	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Claybury Asylum	- - - -	-	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 9th September, 1899.

					The DEATHS registered in the Week include															
REGISTRATION SUB-DISTRICTS.		Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.					
LONDON—OUTER RING		368,749	1,422,063	1187	780	393	151	-	6	4	8	7	7	204	19	33	79	2		
1	Carshalton WHH	12,228	26,108	11	16	9	3	1	-	-	1	-	-	4	-	-	-	-		
2	Epsom, part of* WWHH	10,423	12,508	7	8	3	1	-	-	1	-	1	1	-	-	1	5	-		
1	Godstone, part of* W	2,754	1,598	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
1	Croydon WWHH	20,851	128,699	63	53	24	13	-	-	-	-	1	-	13	2	3	11	-		
2	Mitcham W	11,697	23,072	23	13	8	1	-	-	-	-	-	-	7	-	-	-	-		
1	Wimbledon HHH	3,220	25,777	25	15	8	4	-	-	-	-	-	1	5	-	1	-	-		
2	Kingston WH	14,672	33,566	29	18	10	5	-	-	-	1	-	1	6	1	1	4	-		
3	Surbiton H-		12,178	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
4	Esher, part of* HH		11,080	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5	Hampton HL		18,252	13	4	2	1	-	-	-	-	-	-	-	-	1	-	-		
1	Richmond WH-		2,160	25,389	14	13	5	4	-	-	-	-	-	-	2	2	2	3		
2	Mortlake H	2,823	16,159	18	8	4	2	-	1	-	-	1	-	1	1	-	-	-		
1	Bromley HHH	9,127	23,815	13	9	5	1	-	-	-	-	-	-	1	-	-	-	-		
2	Beckenham H-	6,542	21,969	14	5	4	-	-	1	-	-	-	-	2	-	-	-	-		
3	Chislehurst, part of* WHH	14,307	20,372	15	16	7	3	-	-	-	-	-	-	3	-	-	4	-		
1	Bexley HHH	12,540	30,590	25	25	13	3	-	-	-	1	-	-	8	2	2	1	1		
2	Dartford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1	Sunbury W	11,054	13,671	4	4	2	-	-	-	-	-	-	-	-	-	-	-	-		
2	Staines WH	13,277	13,221	9	8	2	2	-	-	-	-	-	1	1	-	-	1	-		
1	Hillingdon WHH	6,035	12,237	12	9	5	2	-	-	-	-	-	-	1	-	-	3	-		
2	Uxbridge -	12,757	7,253	6	2	1	-	-	-	-	-	-	-	1	-	-	-	-		
3	Hayes WH-	7,952	11,051	4	4	2	2	-	-	-	-	-	-	1	-	-	-	1		
1	Isleworth WHH	6,967	26,004	14	18	8	3	-	-	-	-	1	-	3	-	-	4	-		
2	Twickenham HH	2,415	16,027	13	9	5	2	-	-	-	1	-	-	3	1	1	1	-		
3	Brentford HHHH	4,318	37,777	21	26	12	7	-	-	1	-	-	-	10	-	-	-	-		
4	Chiswick -	1,245	21,963	15	10	4	2	-	-	-	-	-	-	1	-	-	-	-		
5	Acton WHH	6,132	30,945	26	22	13	4	-	1	-	-	-	-	7	-	-	-	-		
1	Harrow HHH	13,809	15,715	14	12	4	3	-	-	-	-	-	-	3	1	1	-	-		
2	Edgware HH	6,994	3,844	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Willesden HHH	4,383	61,265	71	45	23	9	-	-	1	-	-	-	15	-	2	2	-		
4	Hendon WH	8,382	15,843	18	18	7	7	-	-	-	-	-	-	8	1	1	8	-		
1	South Mimms HH	21,077	6,367	3	4	2	1	-	-	-	-	-	-	1	-	-	-	-		
2	Barnet WHH		14,152	13	11	4	5	-	-	-	-	-	-	2	-	-	5	-		
3	Finchley HHH		25,820	16	8	5	-	-	-	-	-	-	-	4	-	-	-	-		
1	Hornsey HH	3,039	61,097	39	18	6	4	-	-	1	1	1	-	4	-	1	1	-		
2	Tottenham HH-	4,642	97,174	87	44	19	8	-	-	-	-	-	-	9	-	1	2	-		
3	Edmonton WWH	7,489	36,351	38	21	13	7	-	-	-	-	-	-	1	2	2	3	-		
4	Enfield WWHH	12,602	31,536	25	19	11	3	-	-	-	1	-	-	4	-	3	2	-		
5	Waltham Abbey -	11,017	6,066	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt H	8,480	9,620	4	5	3	-	-	-	-	-	-	-	1	-	-	-	-		
1	Hatfield, part of* W-	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1	Bushey H	9,331	7,737	4	3	1	-	-	-	-	-	-	-	2	-	-	-	-		
2	Watford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1	Stratford H	4,706	38,612	38	17	11	2	-	-	-	-	-	-	8	-	1	-	-		
2	Plaistow WHH		53,030	66	41	21	6	-	-	-	-	2	1	-	7	-	3	2	-	
3	Canning Town H		54,750	48	39	20	5	-	-	-	-	-	1	-	8	-	2	1	-	
4	Forest Gate W		53,511	33	24	15	5	-	-	-	-	-	1	-	8	-	2	1	-	
5	East Ham WHH		32,713	67	40	24	2	-	-	-	-	-	1	-	9	-	2	1	-	
6	Leyton WWHH	4,334	70,188	83	38	12	12	-	-	-	-	1	9	-	-	-	13	-		
7	Walthamstow HHL	6,501	57,330	64	37	25	2	-	3	-	-	1	10	1	1	1	1	-		
1	Chigwell, part of* HHHH	11,779	12,941	6	1	1	-	-	-	-	-	-	-	1	-	-	-	-		
2	Epping WH, part of*		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1	Romford, part of* WH	6,556	4,324	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Ilford -	8,493	10,913	21	5	3	2	-	-	-	-	-	-	1	-	-	-	-		
3	Barking Town, H	3,814	14,301	14	11	6	2	-	-	-	-	-	-	4	1	2	-	-		

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30 : 2, Epsom sub-district, except the parish of Ashted (pop. 1,351) ; 37 : 1, the parishes of Warlingham and Parley in Godstone sub-district ; 39 : 3, Esher sub-district, except the parish of Esher (pop. 2,282) ; 41 : 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097) ; 135 : 1, the parish of Northaw in tiled sub-district ; 187 : 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (p. 1,079) ; 189 : 1, the parish of Dagenham in Romford sub-district ; also deaths in Workhouses and Hospitals for infectious Diseases belonging to the Outer Ring in 42 : 2, Dartford ; 137 : 2, Watford and 187 : 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 9th September, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include									
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from							
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
GREATER LONDON	443,421	6,528,434	21·7	5·3	2714	1137	488	-	39	9	32	32	19	526	8
INNER LONDON -	74,672	4,546,752	22·2	4·8	1934	744	337	-	33	5	24	25	12	322	6
OUTER RING -	368,749	1,981,682	20·5	6·2	780	393	151	-	6	4	8	7	7	204	1

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOLOGICAL DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	
EDINBURGH -	298,927	Sept. 9	162	122	21·3	-	-	1	1	-	1	
GLASGOW -	733,903	" 9	476	329	23·4	-	3	5	-	6	6	
DUBLIN -	349,594	" 9	198	251	37·4	-	17	2	1	2	8	
CALCUTTA -	466,460	Aug. 5	-	-	-	-	-	-	-	-	-	
BOMBAY -	821,764	" 15	185	570	36·1	11	11	?	?	?	?	117
MADRAS -	452,518	" 4	359	299	34·3	-	5	?	?	?	?	58
PARIS -	2,511,629	Sept. 2	1126	919	19·0	-	19	3	5*	2	20	
BRUSSELS -	551,011	" 2	295	190	17·6	-	-	1	1*	-	5	
AMSTERDAM -	517,595	Aug. 26	306	143	14·4	-	-	-	1	1	3	
ROTTERDAM -	315,305	" 26	212	130	21·5	-	-	-	-	-	1	
THE HAGUE -	199,285	" 26	106	71	18·5	-	-	-	3	-	-	
COPENHAGEN -	345,000	Sept. 2	211	148	22·4	-	-	-	4	2	2	
STOCKHOLM -	291,580	Aug. 26	139	99	17·6	-	-	-	2*	1	-	
CHRISTIANIA -	221,255	Sept. 2	123	87	20·4	-	-	-	1	-	-	
ST. PETERSBURG -	1,132,677	Aug. 26	487	474	21·8	1	10	5	11	5	26	
MOSCOW -	988,610	" 26	-	554	29·2	-	3	5	7	2	8	
BERLIN -	1,818,517	" 19	910	875	25·1	-	12	4	5	13	3	
HAMBURG -	675,351	Sept. 2	-	296	22·8	-	-	1	2*	5	1	
DRESDEN -	394,300	Aug. 12	257	194	25·5	-	1	-	1*	-	2	
BRESLAU -	406,012	Sept. 2	-	214	27·5	-	-	4	2	3	2	
MUNICH -	445,000	Aug. 26	-	203	23·7	-	-	-	2*	1	1	
VIENNA -	1,623,134	Sept. 2	768	548	17·6	-	3	3	7*	2	3	
PRAGUE -	384,622	" 2	208	176	23·8	-	-	6	2	2	1	
BUDA-PESTH -	666,722	Aug. 26	429	237	18·5	-	-	3	1	1	2	
TRIESTE -	166,599	" 19	114	62	19·4	-	-	1	-	-	-	
ROME -	505,850	" 12	202	142	14·6	-	-	-	-	-	7	
TURIN (10 days) -	344,203	July 10	204	171	18·1	-	-	-	-	2	2	
VENICE -	171,023	Aug. 26	82	69	21·0	-	-	-	-	1	1	
CAIRO -	570,062	-	-	-	-	-	-	-	-	-	-	
ALEXANDRIA -	319,766	-	-	-	-	-	-	-	-	-	-	
NEW YORK (including Brooklyn) -	3,550,053	Aug. 12	1584	1318	19·4	-	11	2	30	15	12	
PHILADELPHIA -	1,266,832	" 19	-	331	15·7	-	1	1	6	8	7	

\* Including deaths from croup.

† Including 71 deaths from plague.

‡ Including 1 death from cholera.

§ Including 1 death from malarial fever.



1899.		Phases of the Moon.		TEMPERATURE.				TEMPERATURE.				TEMPERATURE.				Wind as deduced from Anemometers.				Rain collected Gauge receiving surface above of Ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
				Mean daily Recd. and re-duced to 32° Fahr. (Net).		Of the Air.		Of the Air Temperature and Dew Point		Of the Air Temperature and Dew Point		Of the Air Temperature and Dew Point		Of the Air Temperature and Dew Point		Of the Air Temperature and Dew Point		Of the Air Temperature and Dew Point				Of the Air Temperature and Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
						High-est.	Low-est.	Daily Range.	Mean value.	De-parture from Average of 50 years.	Mean daily value.	Great-est.	Least.	Mean daily value.	Great-est.	Least.	Highest in Sun's Rays.	Lowest on the Grass.	Of the Earth 3 feet below the Surface.			General Direction.		Pressure on the Square Foot.		Robertson's.		Horizontal Movement of the Air on each Day.		Departure from Average of 10 Years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
SEPTEMBER.		in	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°

The results apply to the civil day, or from midnight to midnight.

The results apply to the civil day, or from midnight to midnight, the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9 A.M., noon, 3 P.M., evening, and 9 P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of correction, deduced from a discussion of the photographic records made during the twenty years, extending 1873 to 1900, with a barometer, and during the twenty years ending 1868 for the thermometer. With the corrected mean readings of the dry bulb thermometer 14 thermometers, the corrected mean readings of the maximum and minimum thermometers, the corrected mean daily value of the temperature of the air (column 8). The daily mean daily value of the relative and degrees of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates 'higher,' and - 'lower' than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:— P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29.72 in. at the beginning of the week to 29.97 in. by 10h. p.m. on the 3rd; decreased to 29.73 in. by 5h. p.m. on the 6th; increased to 29.81 in. by 10h. A.M. on the 7th; decreased to 29.73 in. by 6h. p.m. on the same day; and increased to 29.00 in. by the end of the week.

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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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General Register Office, Somerset House,  
September 18th, 1899.

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 21·1 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Aug. 26.	Sept. 2.	Sept. 9.	Sept. 16.		Aug. 26.	Sept. 2.	Sept. 9.	Sept. 16.
33 Great Towns	26·8	25·5	25·2	21·1	Leicester - -	28·3	25·1	25·1	19·5
Birkenhead -	26·7	24·0	18·1	17·7	Liverpool - -	36·7	33·7	32·2	30·9
Birmingham -	30·7	28·6	28·9	25·2	London - - -	24·1	22·1	22·2	18·8
Blackburn -	25·5	19·7	24·3	20·8	Manchester - -	33·7	30·5	32·8	26·2
Bolton - - -	27·3	33·4	33·8	22·2	Newcastle-on-Tyne	27·4	32·6	35·8	24·9
Bradford - -	24·1	26·3	23·8	19·6	Norwich - - -	23·9	23·9	23·0	10·6
Brighton - -	30·9	34·3	31·3	25·8	Nottingham - -	30·1	25·9	27·4	21·8
Bristol - - -	23·7	18·5	20·8	16·9	Oldham - - -	22·5	29·7	25·6	17·3
Burnley - - -	35·5	33·7	43·8	28·1	Plymouth - - -	32·6	20·7	22·8	17·6
Cardiff - - -	24·1	28·9	25·5	16·8	Portsmouth - -	32·0	32·5	21·3	18·6
Croydon - - -	20·8	18·8	18·4	13·5	Preston - - -	30·1	38·1	28·8	31·0
Derby - - -	23·0	31·4	26·5	15·7	Salford - - -	38·0	36·8	31·1	32·5
Gateshead - -	27·9	23·0	21·5	25·9	Sheffield - - -	29·5	29·2	30·3	21·9
Halifax - - -	21·9	21·3	19·7	17·6	Sunderland - -	32·2	29·0	31·9	29·4
Huddersfield -	21·2	25·2	22·7	17·6	Swansea - - -	22·1	18·6	22·1	20·1
Hull - - -	26·3	27·4	27·2	21·6	West Ham - - -	25·7	20·7	22·2	19·3
Leeds - - -	23·2	19·9	18·1	18·1	Wolverhampton	21·7	34·6	36·4	31·7

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·4 in Burnley; from *scarlet fever*, 1·1 in Bradford; from "*fever*," 1·0 in Sheffield, 1·1 in Halifax, and 1·4 in Birkenhead; and from *diarrhœa*, 5·4 in Gateshead, 5·8 in Hull, 5·9 in Birmingham, 6·5 in Nottingham, 6·9 in Manchester, 7·2 in Liverpool and in Sunderland, 7·4 in Salford, 7·8 in Burnley, 8·0 in Brighton, 8·4 in Bolton, 10·0 in Wolverhampton, and 16·0 in Preston. In none of the thirty-three towns did the death-rate from "*whooping-cough*" reach 1·0 per 1000. The 69 deaths from *diphtheria* included 22 in London, 10 in Leeds, 8 in Sheffield, 6 in Leicester, 5 in Birmingham, 4 in Liverpool, and 3 in Portsmouth. Three deaths from *small-pox* were registered in Hull, but not one in any other of the thirty-three towns.

#### LONDON.

In LONDON† 2675 BIRTHS and 1643 DEATHS were registered. Allowing for increase of population, the births were 7, and the deaths 197,

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.



above the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes which had been 24·1, 22·1, and 22·2, in the preceding three weeks, fell again last week to 18·8. During the four weeks ending on Saturday last the death-rate averaged 21·8 per 1000, being 4·5 per 1000 above the mean rate in the corresponding periods of the ten years 1889-98.

The 1643 deaths included 17 from measles, 2 from scarlet fever, 22 from diphtheria, 16 from whooping-cough, 18 from enteric fever, 233 from diarrhoea and dysentery, 9 from cholera and choleraic diarrhoea, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 317 deaths were referred to these diseases, being 61 above the corrected average weekly number.

The deaths from *measles*, which had been 52, 34, and 33 in the preceding three weeks, further fell last week to 17, the corrected average being 18; 3 cases belonged to Bermondsey, and 3 to Lambeth Sanitary areas. The deaths from *scarlet fever*, which had been 7, 5, and 5 in the preceding three weeks, fell last week to 2, the corrected average being 20. The deaths from *diphtheria*, which had been 29, 29, and 24 in the preceding three weeks, further fell last week to 22, which is just half of the corrected average. The deaths from *whooping-cough*, which had been 18, 31, and 25 in the preceding three weeks, further fell last week to 16, and were 14 below the corrected average. The fatal cases of *enteric fever*, which had been 16, 18, and 11 in the preceding three weeks, rose again last week to 18, and were 2 above the corrected average; 2 cases belonged to Hackney, and 2 to Battersea sanitary areas. The deaths from *diarrhoea*, which had been 426, 368, and 322 in the preceding three weeks, further fell last week to 233, but were 109 above the corrected average. Of the 233 deaths from diarrhoea, 218 were of children under 5 years of age; 106 more deaths at this age-group were described as due to *gastro-enteritis*, which appears as a separate heading in Table 4. The deaths referred to diseases of the respiratory organs, which had been 169, 131, and 170 in the preceding three weeks, fell again last week to 133, and were 18 below the corrected average. The deaths attributed directly to *influenza* numbered 4, having been 3, 1, and 3 in the preceding three weeks.

Different forms of violence caused 62 deaths, concerning all but 1 of which inquests were held. Of these 62 deaths, 10 were cases of suicide, and 1 of homicide, while the remaining 51 were attributed to accident or negligence. Twelve of these were referred to vehicles in the streets, 3 to drowning, 2 to the effects of anæsthetics administered for surgical purposes, and 9 (including 8 of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2640 cases of scarlet fever, 1486 of diphtheria, and 228 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 336 cases, against 225, 252, and 298; of diphtheria, 205 cases, against 188, 176, and 183; and of enteric fever, 42 cases, against 28, 29, and 29.

#### GREATER LONDON.

In Greater London 3811 births and 2247 deaths were registered, corresponding to annual rates of 30·4 and 17·9 per 1000 of the estimated population. In the Outer Ring 4 deaths from measles, 3 from scarlet fever, 7 from diphtheria, 5 from whooping-cough, 5 from "fever," and 108 from diarrhoea were registered. Four deaths from diphtheria and 41 from diarrhoea occurred in West Ham district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·85 inches, and that of the Thermometer 57°·5; the latter being 0°·4 below the week's average in the 50 years 1841-90. The direction of the wind was westerly, the horizontal movement of the air being 19 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 23·5 hours; the measured rainfall amounted to 0·27 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases, the diagnosis is found after sojourn in the Hospital to have been erroneous.

CITIES AND BOROUGH.	POPULATION the week ending 10th Sept. 1895.			Deaths from										Deaths of				Deaths from				Deaths from				per 1000 corresponding to the Week's Deaths.		Rainfall.		CITIES AND BOROUGH.	
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	Deaths in			Deaths in Public Institutions.	Unrecorded Causes of Death.	From All Causes.	From Diseases in Cols. 6-12.	Highest.		Mean.		In Inches.	In Centi- metres.					
														Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.					Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.			Fever.	Diarrhoea.	Violence.		Inquest Cases.
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.						
33 TOWNS	11,404,408	6877	4617	1834	772	3	39	27	69	55	61	931	150	297	881	25	21	5	71	3	40	56	13	67	0	68	33 TOWNS.				
LONDON	4,546,752	2675	1643	572	321	-	17	2	22	16	18	233	62	145	464	8	188	35	71	-	-	57	14	17	0	69	LONDON.				
WEST HAM	300,241	183	111	49	14	-	1	-	2	-	-	6	-	8	14	1	19	45	-	-	-	-	-	-	-	WEST HAM.					
CROYDON	127,759	62	33	12	5	-	1	-	-	-	-	-	-	-	3	-	25	29	13	2	13	29	40	55	13	39	CROYDON.				
BRIGHTON	123,226	59	61	24	14	-	-	-	-	-	-	19	2	4	9	-	25	80	70	8	70	8	44	58	14	83	BRIGHTON.				
PORTSMOUTH	190,741	101	68	26	10	-	1	-	3	2	1	16	1	1	11	1	18	6	41	-	-	70	48	59	15	44	PORTSMOUTH.				
PLYMOUTH	100,637	67	34	17	4	-	1	-	-	-	-	-	-	-	2	-	17	6	-	-	-	7	10	47	59	15	06	PLYMOUTH.			
BRISTOL	320,911	189	104	35	26	-	-	1	2	1	1	17	5	9	22	2	16	3	6	7	4	3	1	16	5	-	-	BRISTOL.			
CARDIFF	185,826	109	60	33	6	-	-	-	-	3	1	14	3	4	3	1	16	5	-	-	-	-	-	-	-	-	-	CARDIFF.			
SWANSEA	103,722	77	40	17	5	-	-	-	-	1	1	9	1	5	4	-	20	1	-	-	-	-	-	-	-	-	-	SWANSEA.			
WOLVERHAMPTON	83,821	73	54	28	7	-	-	-	-	1	1	17	1	3	6	-	31	11	2	8	4	18	41	55	12	94	0	25	WOLVERHAMPTON.		
BIRMINGHAM	514,956	384	249	113	30	-	1	1	5	7	3	58	9	10	42	3	25	7	-	-	-	-	-	-	-	13	00	0	32	BIRMINGHAM.	
NORWICH	113,266	66	23	9	7	-	-	-	-	6	1	3	6	3	4	-	10	6	2	-	8	6	42	53	4	30	-	-	-	-	NORWICH.
LEICESTER	213,861	130	80	36	13	-	2	3	6	1	3	17	3	4	10	-	19	5	7	-	-	-	-	-	-	36	-	-	-	-	LEICESTER.
NOTTINGHAM	239,384	112	100	50	14	-	-	-	2	-	1	30	4	7	17	2	21	8	2	7	7	4	4	5	3	61	0	17	-	43	NOTTINGHAM.
DERBY	106,401	57	32	17	3	-	-	-	-	-	-	7	2	4	2	-	15	3	-	-	-	-	-	-	-	-	-	-	-	-	DERBY.
BIRKENHEAD	115,162	73	38	12	9	-	-	-	1	-	3	4	-	3	10	-	17	3	-	-	-	-	-	-	-	-	-	-	-	-	BIRKENHEAD.
LIVERPOOL	634,212	473	376	137	57	-	2	4	4	5	6	88	9	14	65	5	30	9	61	5	51	56	13	78	0	45	1	14	-	-	LIVERPOOL.
BOLTON	162,221	95	69	28	3	-	1	-	1	-	-	26	2	4	7	-	22	8	-	-	-	-	-	-	-	-	-	-	-	-	BOLTON.
MANCHESTER	543,402	355	273	118	43	-	4	-	1	4	2	72	9	18	49	1	32	5	-	-	-	-	-	-	-	-	-	-	-	-	MANCHESTER.
SALFORD	218,244	141	136	61	16	-	2	3	1	1	2	31	2	4	16	-	17	3	-	-	-	-	-	-	-	-	-	-	-	-	SALFORD.
OLDHAM	150,772	63	50	21	8	-	-	2	1	-	1	8	2	2	5	-	17	3	-	-	-	-	-	-	-	-	-	-	-	-	OLDHAM.
BURNLEY	113,081	51	61	36	4	-	3	2	1	1	1	17	1	1	4	-	28	1	-	-	-	-	-	-	-	-	-	-	-	-	BURNLEY.
BLACKBURN	136,154	76	54	24	9	-	-	-	1	1	2	9	2	3	4	-	20	8	-	-	-	-	-	-	-	-	-	-	-	-	BLACKBURN.
PRESTON	117,622	66	70	38	10	-	-	-	1	-	-	36	1	1	3	1	16	4	-	-	-	-	-	-	-	-	-	-	-	-	PRESTON.
HUDERSFIELD	103,464	53	35	11	7	-	-	-	1	-	-	7	1	1	4	-	17	6	-	-	-	-	-	-	-	-	-	-	-	-	HUDERSFIELD.
HALEFAX	97,721	62	33	14	9	-	-	-	1	-	-	5	1	2	5	-	17	6	-	-	-	-	-	-	-	-	-	-	-	-	HALEFAX.
BRADFORD	236,241	123	89	35	18	-	1	5	-	-	1	3	2	3	16	-	19	6	-	-	-	-	-	-	-	-	-	-	-	-	BRADFORD.
LEEDS	423,880	251	147	55	18	-	1	-	10	3	2	28	6	11	18	-	18	4	-	-	-	-	-	-	-	-	-	-	-	-	LEEDS.
SHEFFIELD	361,169	251	152	58	26	-	3	-	8	2	7	31	1	4	14	2	21	9	-	-	-	-	-	-	-	-	-	-	-	-	SHEFFIELD.
HULL	234,270	136	97	37	21	3	-	-	-	-	1	26	6	10	16	-	21	6	-	-	-	-	-	-	-	-	-	-	-	-	HULL.
SUNDERLAND	145,613	87	82	34	12	-	-	-	-	-	2	20	1	1	16	-	29	4	-	-	-	-	-	-	-	-	-	-	-	-	SUNDERLAND.
GATESHEAD	106,552	63	53	31	6	-	-	-	-	-	1	11	1	1	16	-	25	9	-	-	-	-	-	-	-	-	-	-	-	-	GATESHEAD.
NEWCASTLE	228,625	134	109	46	17	-	-	-	-	3	1	19	3	3	20	1	24	9	-	-	-	-	-	-	-	-	-	-	-	-	NEWCASTLE.

\* See note \* on first page of this return



TABLE 2. LONDON.—Births and Deaths Registered in the THIRTY-SEVENTH Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2432	2539	2507	2547	2635	2569	2557	2440	2633	2499	2668.0	2675
Males - -	1279	1258	1275	1318	1350	1251	1289	1217	1353	1266	1352.6	1382
Females - -	1153	1281	1232	1229	1285	1318	1268	1223	1280	1233	1315.4	1293
<b>TOTAL Deaths -</b>	1236	1410	1274	1381	1441	1241	1298	1251	1378	1332	1445.8	1643
Males - -	652	736	678	723	728	624	659	683	740	972	757.0	885
Females - -	584	674	596	658	713	617	639	568	638	860	688.8	758

\*The numbers in this column are the average weekly numbers in the thirty-seventh week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	June 24.	July 1.	July 8.	July 15.	July 22.	July 29.	Aug. 5.	Aug. 12.	Aug. 19.	Aug. 26.	Sept. 2.	Sept. 9.	Sept. 16.		
TOTAL Births	-	-	2422	2441	2484	2351	2444	2494	2577	2214	2671	2646	2532	2442	2675
TOTAL Deaths	-	-	1355	1297	1310	1387	1589	1884	2200	2068	2208	2100	1931	1934	1643
Ages at Death															
Under 1 year	-	-	272	264	299	367	556	805	1049	1015	1043	916	805	744	572
1-5 years	-	-	199	156	184	175	201	223	237	242	242	254	265	250	187
5-20 "	-	-	91	78	86	82	85	98	99	74	88	89	80	75	80
20-40 "	-	-	215	212	157	171	151	161	203	163	204	229	181	215	201
40-60 "	-	-	279	287	255	271	279	269	310	289	298	290	261	313	282
60-80 "	-	-	254	240	270	270	254	264	238	244	262	264	265	267	259
80 years and upwards	-	-	45	60	59	51	63	64	64	41	71	58	74	70	62
Deaths from—															
Small pox	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Measles	65	51	50	48	46	56	60	54	48	52	34	33	17	2	2
Scarlet Fever	4	11	12	4	8	5	6	8	8	7	5	5	5	5	2
Diphtheria	28	25	31	37	42	35	44	26	33	29	29	24	22	22	22
Whooping-cough	35	26	27	26	20	19	27	16	28	18	31	25	16	16	16
Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever	6	11	7	6	8	13	13	12	11	16	18	11	18	18	18
Simple Continued Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery	9	20	28	75	185	350	477	463	481	426	368	322	233	233	9
Cholera	1	-	-	2	7	12	21	21	16	21	22	8	8	8	9
All the above Diseases	148	144	155	199	316	490	648	600	625	589	507	429	317	317	317
Dis. of Respiratory System	190	159	194	176	149	169	157	163	148	169	131	170	133	133	133
Phthisis	153	153	139	115	116	112	145	134	151	152	140	167	183	183	183
Dis. of Circulatory System	116	124	114	122	116	123	110	96	114	112	114	132	110	110	110
Violence	86	73	49	67	77	82	91	72	70	60	60	65	62	62	62
Inquest Cases	162	143	120	128	137	156	161	151	153	139	134	160	145	145	145
Deaths in Public Institutions	460	456	414	454	453	462	521	451	517	526	484	559	464	464	464
TEMPERATURE OF THE AIR.															
Mean	60.7	62.3	62.3	66.2	70.2	64.8	67.5	63.8	66.5	66.4	68.5	65.6	65.6	67.5	67.5
Mean of Highest readings	69.7	73.1	71.9	77.7	83.2	75.4	78.8	74.6	77.4	79.8	74.1	76.5	67.0	67.0	67.0
Mean of Lowest readings	53.7	53.8	54.3	56.9	57.9	55.3	57.3	55.7	57.2	53.6	55.2	55.2	48.8	48.8	48.8
Humidity of the Air	73	68	71	67	58	67	69	73	64	63	71	70	73	73	73
Rain-fall (in inches)	0.51	0.74	0.13	0.09	0.06	0.97	0.09	0.02	0.00	0.00	0.29	0.54	0.27	0.27	0.27
Registered Sunshine (in hours)	26.2	43.9	31.4	49.4	71.0	63.6	79.7	54.9	49.4	74.8	53.4	47.5	23.5	23.5	23.5
CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.															
Small-pox	-	-	-	1	2	-	-	1	-	-	-	-	-	-	-
Scarlet Fever	-	-	-	2367	2430	2530	2602	2653	2667	2704	2674	2613	2548	2538	2549
Diphtheria	-	-	-	1230	1280	1347	1434	1488	1545	1526	1519	1508	1512	1502	1464
Enteric Fever	-	-	-	109	105	94	99	104	131	158	183	196	203	213	224

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrothley Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boothby, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S. Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.



TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-SEVENTH Week of the Year 1899.

CAUSES OF DEATH		Corrected Averages for the 37th Week of the 10 years 1889-98*.	In the Week ending Saturday, 16th September 1899.										Corrected Averages for the 37th Week of the 10 years 1889-98*.	CAUSES OF DEATH	Corrected Averages for the 37th Week of the 10 years 1889-98*.	In the Week ending Saturday, 16th September 1899.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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			ALL AGES.	Under 20.			20 and under 40.			40 and under 60.						60 and under 80.			80 years and upwards.			ALL AGES.	Under 20.			20 and under 40.			40 and under 60.			60 and under 80.			80 years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
CAUSES	1445.8	1643	572	187	80	201	232	259	62	Diseases of Circulatory System	110.3	110	-	1	8	22	35	40	4	Croup	3.8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such causes are classed under "accident."

TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &c., registered in SUB-DISTRICT during the Week ending Saturday, 16th September, 1899.

		The DEATHS registered during the Week include																		
		Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from												Inquest Cases.	Deaths in Public Institutions.
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Fever.	Diarrhoea.	Violence.				
REGISTRATION SUB-DISTRICTS.																				
LONDON		4,411,710	2,675	1,643	572	321	-	17	2	22	16	-	18	-	233	62	145	464		
WEST DISTRICTS.																				
St. Mary Paddington } G. & W.		90,996	52	31	14	2	-	-	-	1	2	-	-	-	4	2	3	7		
St. John Paddington H - - G.		33,510	10	5	-	-	-	-	-	-	-	-	-	-	-	-	-	3		
Kensington Town Ww - - W.		122,164	60	43	13	11	-	3	-	-	-	-	1	-	6	2	3	15		
Brompton HH - - W. & C.		48,301	12	8	3	-	-	-	-	-	-	-	-	-	-	-	1	2		
North Hammersmith H } W. & G.		44,638	36	16	8	1	-	-	-	-	-	-	-	-	1	-	-	-		
South Hammersmith H } W. & G.		59,561	36	20	7	7	-	-	-	-	-	-	-	-	3	-	1	4		
Fulham Ww - - W. & C.		113,781	97	47	16	4	-	1	2	-	-	-	2	-	5	-	1	14		
Chelsea Kensal Town - - C.		21,450	12	5	2	2	-	-	-	-	1	-	-	-	1	-	1	-		
Chelsea North WHHH - - C.		42,057	24	21	4	3	-	-	-	-	-	-	-	-	-	-	-	12		
Chelsea South HH - - C.		33,139	17	9	4	1	-	-	-	-	-	-	-	-	1	1	1	-		
May Fair W - - G.		23,827	5	9	-	6	-	-	-	-	-	-	-	-	-	1	1	9		
Belgrave WHHH - - C.		56,140	31	22	4	5	-	-	-	-	-	-	-	-	1	1	2	10		
St. John Westminster HH - C.		31,492	15	7	3	-	-	-	-	-	-	-	-	-	3	-	-	-		
St. Margaret Westminster H - C.		22,097	4	7	2	-	-	-	-	-	-	-	-	-	-	1	2	2		
St. James Westminster } N. & G.		23,050	3	2	-	1	-	-	-	1	-	-	-	-	-	-	-	-		
St. Anne Soho HHHHH - N.		12,048	10	1	1	-	-	-	-	-	-	-	-	-	1	-	1	-		
NORTH DISTRICTS.																				
All Souls Marylebone } - - W.		36,595	11	24	5	9	-	-	-	1	-	-	-	-	-	1	2	16		
Rectory Marylebone W } G. & W.		19,798	6	3	2	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. Mary Marylebone } G. & W.		19,637	28	8	4	2	-	-	-	-	1	-	-	-	1	-	-	1		
Christchurch Marylebone H - W		32,547	12	9	2	1	-	-	-	-	-	-	-	-	-	2	1	-		
St. John Marylebone HHH - W.		32,611	12	5	3	-	-	-	-	-	-	-	-	-	2	-	-	-		
Hampstead } - N. & W.		75,449	43	19	5	6	-	-	1	-	-	2	-	1	1	1	4	-		
Regent's Park Pancras HH - W.		37,341	20	10	3	-	-	-	-	-	-	-	-	-	2	1	3	-		
Tottenham-court } - N. & W.		26,757	11	11	1	2	-	-	-	-	-	-	-	-	1	-	1	7		
Gray's Inn Lane HHHH - N.		29,426	13	7	4	-	-	-	-	-	-	-	-	-	1	-	1	-		
Somers Town HH - - N.		32,161	16	9	4	-	-	-	-	-	-	-	-	-	2	1	2	4		
Camden Town WH - - N.		16,669	14	9	2	4	-	-	-	-	-	-	-	-	2	1	2	2		
Kentish Town WW - - N.		98,410	51	36	13	7	-	-	-	-	-	-	-	-	2	1	5	6		
Upper Holloway } - - N.		98,273	65	49	12	4	-	1	-	1	-	-	-	-	3	2	4	24		
Islington South-west H - N.		107,365	79	38	19	5	-	-	-	-	-	-	-	-	11	3	3	-		
Islington South-east - - N.		66,549	50	25	15	4	-	-	-	-	-	-	-	-	6	-	-	-		
Highbury HH - - N.		64,577	32	12	6	1	-	-	-	-	-	-	-	-	2	1	1	-		
Stoke Newington H - - N.		33,485	15	6	-	5	-	-	-	-	-	-	-	-	-	-	-	-		
North Hackney - - E. & N.			19	12	3	4	-	-	-	-	-	-	-	-	-	-	-	-		
Central Hackney ww - E. & N.			36	20	7	3	-	-	-	3	-	-	1	-	3	-	1	-		
South-west Hackney HHH E. & N.		213,044	37	15	8	2	-	-	-	-	-	-	-	-	1	1	2	5		
South-east Hackney WwH E. & N.			30	22	8	5	-	-	-	-	-	-	-	-	3	-	1	4		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there; namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other Districts than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. signify Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. N. River; E. East London; and K. the Kent Company.

\* See note on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and re-named North Hammersmith and South Hammersmith, respectively.

REGISTRATION SUB-DISTRICTS

\* The Sub-Districts of St. Botolph and Broad Street were united on 1st September 1899.  
† Population in 1891, not included in the total population of the Central Districts or of London.



TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in SUB-DISTRICT during the Week ending Saturday, 16th September, 1899—*continued.*

The DEATHS registered during the Week include																			
REGISTRATIONS SUB-DISTRICTS			Enu- merated Popu- lation, 1896.	Total Births.	Total Deaths.	Deaths of		Deaths from											Inquest Cases.
						Infants under 1 Year of Age.	Persons aged 10 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.		
SOUTH DISTRICTS.																			
Christchurch Southwark WH & S.	-	-	13,064	13	7	2	1	-	-	-	-	1	-	-	-	-	-	1	
St. Saviour Southwark	-	-	12,301	8	4	2	-	-	1	-	-	-	-	-	-	-	-	-	
Kent-road	-	S. & L.	22,379	13	9	1	1	-	-	-	-	-	-	-	-	-	-	-	
Borough-road WH	-	S. & L.	16,083	9	9	4	1	-	-	-	-	-	-	-	-	-	-	-	
London-road HL	-	L. & S.	21,316	8	12	3	2	-	-	-	-	-	-	-	-	-	-	-	
Trinity Newington	-	S. & L.	28,723	20	6	3	1	-	-	-	-	-	-	-	-	-	-	-	
St. Peter Walworth W	-	S. & L.	62,045	47	18	7	2	-	-	-	-	-	-	-	-	-	-	-	
St. Mary Newington-	-	L. & S.	30,171	23	10	3	3	-	-	-	-	-	-	-	-	-	-	-	
St. Olave WH	-	-	11,731	3	17	2	-	-	-	-	-	-	-	1	-	-	3	3	
Bermondsey W	-	-	85,475	56	25	11	6	-	3	-	-	-	-	-	-	-	1	1	
Rotherhithe Ww	-	S. & K.	40,379	21	18	3	7	-	-	-	-	-	-	-	-	-	-	-	
Waterloo-road HH	-	L. & S.	28,396	28	7	3	-	-	1	-	-	-	-	-	-	-	-	-	
Lambeth Church 1st H	-	L. & S.	18,770	13	20	3	5	-	1	-	1	-	-	-	-	-	-	-	
Lambeth Church 2nd WW	-	L. & S.	40,994	36	31	7	10	-	-	-	-	-	-	-	-	-	-	-	
Kennington 1st H	-	S. & L.	52,486	39	15	9	2	-	-	-	-	-	-	-	-	-	-	-	
Kennington 2nd	-	S. & L.	43,244	21	11	4	3	-	-	-	-	-	-	-	-	-	-	-	
Brixton w	-	L. & S.	81,825	47	16	9	4	-	-	1	-	-	-	1	-	-	-	-	
Norwood WH	-	-	29,318	20	13	7	4	-	-	-	-	-	-	-	-	-	-	-	
East Battersea	-	-	71,730	52	26	13	2	-	-	-	-	-	-	1	-	-	-	-	
West Battersea WwH	-	-	93,385	66	31	11	8	-	-	-	-	-	-	-	-	-	-	-	
Clapham H	-	-	46,953	27	5	2	2	-	-	-	-	-	-	-	-	-	-	-	
Wandsworth WHHL	-	-	58,101	24	21	9	7	-	-	-	-	-	-	-	-	-	-	-	
Putney	-	-	20,566	8	4	1	3	-	-	-	-	-	-	-	-	-	-	-	
Streatham WwwwL	-	-	61,644	37	21	10	4	-	-	-	4	1	-	-	-	-	-	-	
Dulwich	-	L. & S.	7,519	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Camberwell Wwll	-	S. & L.	90,286	49	*52	14	14	-	-	-	1	-	-	-	-	-	-	-	
Peckham WW	-	S., L., & K.	88,242	52	34	17	6	-	1	-	-	-	-	-	-	-	-	-	
St. George Camberwell	-	L. & S.	67,029	52	28	13	6	-	-	-	-	-	-	-	-	-	-	-	
Deptford North	-	-	36,152	31	12	4	2	-	-	-	1	1	-	-	-	-	-	-	
Deptford Central w	-	-	45,441	26	9	5	3	-	-	-	1	-	-	1	-	-	-	-	
Deptford South	-	-	33,402	15	7	2	3	-	-	-	-	-	-	-	-	-	-	-	
Greenwich West H	-	-	23,012	20	10	4	2	-	-	-	-	-	-	-	-	-	-	-	
Greenwich East WH	-	-	37,767	30	26	10	4	-	-	-	-	1	-	-	-	-	-	-	
Eltham wH	-	-	5,911	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Lee H	-	-	24,222	13	6	1	3	-	-	-	-	-	-	-	-	-	-	-	
Lewisham WwH	-	-	38,139	16	9	1	1	-	-	-	-	-	-	-	-	-	-	-	
Sydenham H	-	-	37,601	25	19	12	2	-	-	-	-	-	-	-	-	-	-	-	
Charlton wHH	-	-	15,928	11	9	2	1	-	-	-	2	-	-	2	-	-	2	2	
Woolwich Dockyard	-	-	19,355	13	6	3	4	-	-	-	-	-	-	-	-	-	-	-	
Woolwich Arsenal HHHH	-	-	21,959	13	9	4	1	-	-	-	-	1	-	-	-	-	-	-	
Plumstead West H	-	-	16,714	10	4	2	1	-	-	-	-	-	-	-	-	-	-	-	
Plumstead East WH	-	-	42,538	27	18	5	5	-	-	-	-	1	-	-	-	-	-	-	
Banstead Asylum	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Horton Asylum, Epsom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Caterham Asylum	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cane Hill Asylum	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hospital Ships and Camp, Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Darenth Asylum	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
London County Asylum, Dartford	-	-	-	-	3	-	2	-	-	-	-	-	-	-	-	-	-	-	
Heath	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hanwell Asylum	-	-	-	-	3	-	2	-	-	-	-	-	-	-	-	-	-	-	
Colney Hatch Asylum	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
N.E. Hospital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Winchmore Hill Hospital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Leavesden Asylum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Claybury Asylum	-	-	-	-	6	-	1	-	-	-	-	-	-	-	-	-	-	-	

TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 16th September, 1899.

					The DEATHS registered in the Week include																
REGISTRATION SUB-DISTRICTS.		Area in Acres.	Enu-merated Popu-lation, 1891.	BIRTHS.	DEATHS.	Deaths of		Deaths from												Deaths in Public Institutions.	Uncertified Causes of Death.
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.					
LONDON—OUTER RING		368,749	1,422,063	1136	604	273	106	-	4	3	7	5	5	108	12	28	56	4			
1	Carshalton wHH	12,228	26,108	11	8	2	2	-	-	-	-	-	-	1	-	-	-	-			
2	Epsom, part of* WwHH	10,423	12,508	10	3	2	1	-	-	-	-	-	-	1	-	-	-	-			
1	Godstone, part of* W	2,754	1,598	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1	Croydon WwHHH	20,851	128,699	75	39	15	7	-	1	-	-	1	-	7	-	1	3	-			
2	Mitcham w	11,697	23,072	18	7	6	-	-	-	-	-	-	-	-	-	-	-	-			
1	Wimbledon HHH	3,220	25,777	23	15	11	1	-	-	-	-	-	-	2	-	1	1	-			
2	Kingston WH	-	33,566	24	17	8	1	-	-	-	-	-	1	3	-	1	7	-			
3	Surbiton H-	-	12,178	7	3	-	1	-	-	-	-	-	-	-	-	-	-	-			
4	Esher, part of* HH	-	11,080	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
5	Hampton HL	4,565	18,252	9	5	2	-	-	-	-	-	-	-	1	-	-	-	-			
1	Richmond WH-	2,160	25,389	25	12	1	4	-	-	-	-	-	-	-	1	1	4	-			
2	Mortlake H	2,823	16,159	13	11	6	-	-	-	-	-	-	1	3	-	-	1	-			
1	Bromley HHH	9,127	23,815	14	8	4	2	-	-	-	-	-	-	-	-	-	-	-			
2	Beckenham H	6,542	21,969	13	7	2	3	-	-	-	-	-	-	1	-	-	-	-			
3	Chislehurst, part of* WHH	14,307	20,372	19	10	3	4	-	-	-	-	-	-	-	-	-	2	-			
1	Bexley HHH	12,540	30,590	34	9	6	2	-	-	-	-	-	-	1	-	-	-	-			
2	Dartford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1	Sunbury w	11,054	13,671	7	4	3	-	-	-	-	-	-	-	-	-	-	1	-			
2	Staines WH	13,277	13,221	8	4	-	1	-	-	-	-	-	-	-	1	1	-	-			
1	Hillingdon WHH	6,035	12,237	4	3	1	1	-	-	-	-	-	-	-	-	-	-	-			
2	Uxbridge	12,757	7,253	10	2	1	1	-	-	-	-	-	-	1	-	-	-	-			
3	Hayes wH-	7,952	11,051	8	2	1	1	-	-	-	-	-	-	-	-	-	-	-			
1	Isleworth WHH	6,967	26,004	13	6	1	1	-	-	1	-	1	-	2	-	-	1	-			
2	Twickenham HH	2,415	16,027	11	1	1	-	-	-	-	-	-	-	-	-	-	-	-			
3	Brentford HHHH	4,318	37,777	23	6	5	-	-	-	-	-	-	-	1	-	1	-	-			
4	Chiswick	1,245	21,963	10	6	4	1	-	-	-	-	-	-	-	-	-	-	-			
5	Acton wHH	6,132	30,945	30	15	7	1	-	1	-	-	1	5	-	-	-	-	-			
1	Harrow HHH	13,809	15,715	7	9	2	2	-	-	-	1	-	-	-	1	1	1	-			
2	Edgware HH	6,994	8,344	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
3	Willesden HHH	4,383	61,265	65	35	14	5	-	1	1	-	3	-	9	1	1	1	-			
4	Hendon WH	8,382	15,843	8	11	2	6	-	-	-	-	-	-	2	-	-	4	-			
1	South Mimms HH	-	6,367	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2	Barnet WHH	21,077	14,152	16	3	1	1	-	-	-	-	-	-	-	1	1	1	-			
3	Finchley HHH	4,668	25,820	10	11	7	2	-	-	-	-	-	-	4	-	-	-	-			
1	Hornsey HH	3,039	61,097	49	25	7	6	-	-	-	-	-	-	4	-	1	-	-			
2	Tottenham HH	4,642	97,174	70	37	23	5	-	1	-	-	-	-	-	-	-	-	-			
3	Edmonton WwW	7,489	36,351	35	27	11	7	-	-	1	-	-	-	6	-	3	5	-			
4	Enfield WWWW	12,602	31,536	18	20	11	5	-	-	-	1	-	-	2	-	1	1	-			
5	Waltham Abbey	11,017	6,066	3	2	2	-	-	-	-	-	-	-	-	-	-	-	1			
6	Cheshunt H	8,480	9,620	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-			
1	Hatfield, part of* W-	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2	Bushey H	9,331	7,737	4	2	1	-	-	-	-	-	-	-	1	-	-	-	-			
1	Watford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1	Stratford H	-	38,612	39	21	10	1	-	-	-	-	-	-	7	1	1	3	-			
2	Plaistow WHHH	-	53,030	56	31	16	3	-	-	-	-	-	-	5	2	2	2	-			
3	Canning Town H	4,706	54,750	54	28	13	-	-	-	-	1	-	-	9	2	3	1	-			
4	Forest Gate w	-	53,511	34	23	9	7	-	-	-	-	-	-	3	-	1	-	1			
5	East Ham WHH	3,266	32,713	52	28	18	3	-	-	-	-	-	-	6	-	-	-	-			
6	Leyton WWWW	4,334	70,188	62	38	12	11	-	-	1	-	-	-	4	-	2	9	-			
7	Walthamstow HHL	6,501	57,330	70	19	11	1	-	-	1	-	1	7	-	2	2	1	-			
1	Chigwell, part of* HHHH	11,779	12,941	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2	Epping WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1	Romford, part of* WH	6,556	4,324	4	8	2	4	-	-	-	-	-	-	1	-	-	1	-			
2	Ilford	8,493	10,913	16	3	3	-	-	-	-	-	-	-	-	-	-	-	-			
3	Barking Town, H	3,814	14,301	20	13	5	2	-	-	-	-	-	-	1	-	2	-	-			
North-western Hospital		-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	1			
Middlesex County Asylum, Wandsworth.		-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2			

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warringham Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chislefield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in field sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Notifiable Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 16th September, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.		
GREATER LONDON	443,421	6,528,434	17.9	3.5	2247	845	427	-	21	5	29	21	23	341	74		
INNER LONDON -	74,672	4,546,752	18.8	3.5	1643	572	321	-	17	2	22	16	18	233	62		
OUTER RING -	368,749	1,981,682	15.9	3.5	604	273	106	-	4	3	7	5	5	108	12		

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	
EDINBURGH -	298,927	Sept.	16	142	119	20.8	-	1	1	1	-	2
GLASGOW -	733,903	"	16	486	317	22.5	-	4	1	2	4	9
DUBLIN -	349,594	"	16	236	235	35.1	-	23	1	1	1	9
CALCUTTA -	466,460	Aug.	5	-	-	-	-	-	-	-	-	-
BOMBAY -	821,764	"	22	205	593	37.5	6	7	?	?	?	116†
MADRAS -	452,518	"	11	347	276	31.7	-	7	?	?	?	61
PARIS -	2,511,629	Sept.	9	1127	814	16.8	-	7	5	6*	3	21
BRUSSELS -	551,011	"	9	232	216	19.9	-	-	3	1*	2	4
AMSTERDAM -	517,595	"	2	303	124	12.5	-	-	-	-	1	2
ROTTERDAM -	315,305	"	2	222	125	20.5	-	-	-	1	2	2
THE HAGUE -	199,285	"	2	136	57	14.9	-	-	-	-	-	-
COPENHAGEN -	345,000	"	9	243	161	24.3	-	-	1	5	2	1
STOCKHOLM -	291,580	"	2	121	96	17.1	-	-	2	7*	-	-
CHRISTIANIA -	221,255	"	9	136	92	21.6	-	-	-	-	-	1
ST. PETERSBURG	1,132,677	"	2	562	490	22.6	2	12	5	17	11	19
MOSCOW -	988,610	"	2	-	523	27.6	3	4	4	3	1	3
BERLIN -	1,818,517	Aug.	26	961	874	25.0	-	11	7	10	13	2
HAMBURG -	675,351	Sept.	9	-	257	19.8	-	-	1	2*	8	-
DRESDEN -	394,300	Aug.	19	251	204	26.8	-	-	1	1*	4	-
BRESLAU -	406,012	Sept.	9	-	235	30.2	-	-	2	1	3	-
MUNICH -	445,000	"	2	313	210	24.5	-	-	-	-	1	1
VIENNA -	1,623,134	"	9	896	581	18.6	-	8	2	7*	2	-
PRAGUE -	384,622	"	9	179	182	24.6	-	1	4	1	3	2
BUDA-PESTH -	668,722	"	2	453	274	21.4	-	3	10	4	-	3
TRIESTE -	166,599	Aug.	26	90	81	25.3	-	-	3	1*	-	1
ROME -	505,850	"	19	234	134	13.8	-	-	-	-	-	9§
TURIN (10 days)	344,203	July	20	184	154	16.3	-	-	-	-	5	-
VENICE -	171,023	Sept.	2	79	54	16.5	-	-	-	-	1	1
CAIRO -	570,062	July	1	381	501	45.7	1	36	2	7*	-	29
ALEXANDRIA -	319,766	"	1	211	238	38.7	1	-	-	2*	-	6§
NEW YORK (including BROOKLYN)	3,550,053	Aug.	19	1383	1142	16.7	-	7	2	25	16	17
PHILADELPHIA -	1,266,832	"	26	-	406	16.7	-	-	3	26	6	0

\* Including deaths from croup.

† Including 64 deaths from plague in Bombay and 5 in Alexandria.

‡ Including 2 deaths from cholera.

§ Including 5 deaths from malarial fever.





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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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General Register Office, Somerset House,  
September 25th, 1899.

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 20·6 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Sept. 2.	Sept. 9.	Sept. 16.	Sept. 23.		Sept. 2.	Sept. 9.	Sept. 16.	Sept. 23.
<b>33 Great Towns</b>	25·5	25·2	21·1	20·6	Leicester - -	25·1	25·1	19·5	16·6
Birkenhead -	24·0	18·1	17·7	25·8	Liverpool - -	33·7	32·2	30·9	27·9
Birmingham -	28·6	28·9	25·2	22·5	London - - -	22·1	22·2	18·8	18·9
Blackburn - -	19·7	24·3	20·8	21·2	Manchester - -	30·5	32·8	26·2	26·4
Bolton - - -	33·4	33·8	22·2	22·2	Newcastle-on-Tyne	32·6	35·8	24·9	27·6
Bradford - -	26·3	23·8	19·6	17·2	Norwich - - -	23·9	23·0	10·6	17·0
Brighton - -	34·3	31·3	25·8	16·1	Nottingham - -	25·9	27·4	21·8	22·7
Bristol - - -	18·5	20·8	16·9	14·9	Oldham - - -	29·7	25·6	17·3	16·3
Burnley - - -	33·7	43·8	28·1	26·3	Plymouth - - -	20·7	22·8	17·6	17·6
Cardiff - - -	28·9	25·5	16·8	16·8	Portsmouth - -	32·5	21·3	18·6	19·7
Croydon - - -	18·8	18·4	13·5	15·1	Preston - - -	38·1	28·8	31·0	23·5
Derby - - - -	31·4	26·5	15·7	13·7	Salford - - - -	36·8	31·1	32·5	27·2
Gateshead - -	23·0	21·5	25·9	26·4	Sheffield - - -	29·2	30·3	21·9	26·0
Halifax - - -	21·3	19·7	17·6	15·5	Sunderland - -	29·0	31·9	29·4	28·6
Huddersfield -	25·2	22·7	17·6	10·6	Swansea - - -	18·6	22·1	20·1	8·5
Hull - - - - -	27·4	27·2	21·6	21·8	West Ham - - -	20·7	22·2	19·3	21·0
Leeds - - - -	19·9	18·1	18·1	21·5	Wolverhampton -	34·6	36·4	31·7	14·7

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·4 in Burnley; from "*fever*," 1·1 in Nottingham, 1·6 in Sheffield, 1·7 in Salford, and 2·5 in Portsmouth; and from *diarrhœa*, 4·0 in West Ham, 4·1 in Portsmouth and in Wolverhampton, 4·4 in Nottingham, 4·7 in Birmingham, 4·9 in Gateshead, 5·5 in Burnley, 6·0 in Hull, 6·4 in Bolton and in Manchester, 6·8 in Sunderland, and 8·0 in Preston. In none of the thirty-three towns did the death-rate from *scarlet fever* or from *whooping-cough* reach 1·0 per 1000. The 87 deaths from *diphtheria* included 42 in London, 11 in Sheffield, 8 in Leicester, 5 in Liverpool, and 3 in Leeds. Three deaths from *small-pox* were registered in Hull, but not one in any other of the thirty-three towns.

#### LONDON.

In LONDON† 2531 BIRTHS and 1649 DEATHS were registered. Allowing for increase of population, the births were 73 below, and the deaths 201

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.



above, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes which had been 22·1, 22·2, and 18·8, in the preceding three weeks, rose again last week to 18·9. During the four weeks ending on Saturday last the death-rate averaged 20·5 per 1000, being 3·6 per 1000 above the mean rate in the corresponding periods of the ten years 1889-98.

The 1649 deaths included 17 from measles, 8 from scarlet fever, 42 from diphtheria, 19 from whooping-cough, 24 from enteric fever, 162 from diarrhoea and dysentery, 6 from cholera and choleraic diarrhoea, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 278 deaths were referred to these diseases, being 38 above the corrected average weekly number.

The deaths from *measles*, which had been 34, 33, and 17 in the preceding three weeks, were again 17 last week, the corrected average being 14. The deaths from *scarlet fever*, which had been 5, 5, and 2 in the preceding three weeks, rose again last week to 8, but were 11 below the corrected average; 2 cases belonged to Fulham sanitary area. The deaths from *diphtheria*, which had been 29, 24, and 22 in the preceding three weeks, rose again last week to 42, but were 6 below the corrected average; 5 cases belonged to Islington, 5 to Lambeth, 5 to Camberwell, and 4 to Shoreditch sanitary areas. The deaths from *whooping-cough*, which had been 31, 25, and 16 in the preceding three weeks, rose again last week to 19, but were 12 below the corrected average. The fatal cases of *enteric fever*, which had been 18, 11, and 18 in the preceding three weeks, further rose last week to 24, and were 7 above the corrected average; 3 cases belonged to Camberwell, 2 to Fulham, 2 to St. Pancras, 2 to Bethnal Green, 2 to Bermondsey, and 2 to Lambeth sanitary areas. The deaths from *diarrhoea*, which had been 368, 322, and 233 in the preceding three weeks, further fell last week to 162, but were 54 above the corrected average. Of the 162 deaths from diarrhoea, 137 were of children under 5 years of age; 96 more deaths at this age-period were described as due to *gastro-enteritis*, which appears as a separate heading in Table 4. The deaths referred to diseases of the respiratory organs, which had been 131, 170, and 133 in the preceding three weeks, rose again last week to 138, but were 36 below the corrected average. The deaths attributed directly to *influenza* numbered 4, having been 1, 3, and 4 in the preceding three weeks.

Different forms of violence caused 71 deaths, concerning all but 3 of which inquests were held. Of these 71 deaths, 5 were cases of suicide, while the remaining 66 were attributed to accident or negligence. Seven of these were referred to vehicles in the streets, 5 to drowning, 1 to the effects of chlorform administered for surgical purposes, and 11 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2,758 cases of scarlet fever, 1,474 of diphtheria, and 235 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 364 cases, against 252, 298, and 336; of diphtheria, 219 cases, against 176, 183, and 205; and of enteric fever, 41 cases, against 29, 29, and 42.

#### GREATER LONDON.

In Greater London 3620 births and 2,241 deaths were registered, corresponding to annual rates of 28·9 and 17·9 per 1000 of the estimated population. In the Outer Ring 6 deaths from measles, 2 from scarlet fever, 17 from diphtheria, 3 from whooping-cough, 7 from "fever," and 98 from diarrhoea were registered. Five deaths from diphtheria occurred in Edmonton district; 3 deaths from "fever" occurred in West Ham district, and 3 in Epping district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·62 inches, and that of the Thermometer 54°·6; the latter being 0·2 above the week's average in the 50 years 1841-90. The direction of the wind was west-south-westerly, the horizontal movement of the air being 61 per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 38·3 hours; the measured rainfall amounted to 0·36 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases, the diagnosis is found after sojourn in the Hospital to have been erroneous.

CITIES AND BOROUGH.	POPULATION estimated middle of the Year 1899.*	Registered during the Week ending 23rd Sept. 1899.		The DEATHS registered in the Week include										TEMPERATURE OF THE AIR.										RAINFALL.		CITIES AND BOROUGH.							
		BIRTHS.	DEATHS.	Deaths of Persons aged 1 Year & 60 Years and upwards.		Deaths from										Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes of Death.	Annual Rate per 1000, corresponding to the Week's Deaths.		Mean.				Inches.		In Gentl. Feet.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	13.	14.						15.	16.	17.	18.				19.	20.	21.	22.	23.	24.
33 TOWNS	11,404,408	6381	4506	1599	832	3	41	31	87	48	81	673	137	283	881	53	296	41	71.0	36.5	52.8	11.56	0.82	2.08	33 TOWNS.								
LONDON	4,546,752	2531	1649	503	340	-	17	8	42	19	24	162	71	147	481	6	189	31	69.0	43.2	54.6	12.56	0.36	0.91	LONDON.								
WEST HAM.	300,241	178	121	47	20	-	2	-	1	-	2	23	4	7	19	1	21.0	4.3	-	-	-	-	-	-	WEST HAM.								
CROYDON	127,769	64	37	10	10	-	1	-	-	-	-	7	2	4	3	-	15.1	4.1	68.2	42.5	54.3	12.39	0.22	0.56	CROYDON.								
BRIGHTON	123,226	54	38	14	9	-	-	-	-	-	-	-	-	-	8	-	16.1	4.7	68.6	44.6	51.5	10.83	0.21	0.53	BRIGHTON.								
PORTSMOUTH	190,741	81	72	19	15	-	-	-	2	1	9	15	5	6	8	1	19.7	7.4	68.5	46.0	56.9	13.83	0.25	0.63	PORTSMOUTH.								
PLYMOUTH	160,637	50	34	12	10	-	1	-	1	1	-	2	-	-	5	-	17.6	2.6	-	-	56.2	13.44	0.35	0.89	PLYMOUTH.								
BRISTOL	320,911	184	92	28	23	-	-	-	1	-	-	11	3	3	13	-	14.9	2.4	-	-	-	-	-	-	BRISTOL.								
CARDIFF	185,823	96	60	23	10	-	-	-	2	-	-	8	2	3	12	-	16.8	3.1	-	-	-	-	-	-	CARDIFF.								
SWANSEA	103,722	44	17	8	2	-	-	-	-	-	-	2	-	-	1	-	8.5	1.0	-	-	-	-	-	-	SWANSEA.								
WOLVERHAMPTON	88,821	50	25	11	5	-	-	1	-	-	-	7	-	-	4	-	14.7	4.7	64.8	36.5	50.6	10.33	0.19	0.48	WOLVERHAMPTON								
BIRMINGHAM	514,956	314	222	102	35	-	2	2	2	6	1	46	4	8	33	6	22.5	6.0	-	-	53.0	11.67	0.72	1.83	BIRMINGHAM.								
NORWICH	113,263	61	37	13	7	-	-	-	1	2	2	5	1	1	5	-	17.0	4.6	66.0	41.3	-	-	-	-	NORWICH.								
LEICESTER	213,851	94	68	32	12	-	-	-	-	-	-	6	-	-	4	2	16.6	3.4	-	-	-	-	-	-	LEICESTER.								
NOTTINGHAM	233,384	133	104	41	24	-	1	3	1	-	5	20	2	3	15	4	22.7	6.5	66.2	42.0	52.4	11.33	0.84	2.13	NOTTINGHAM.								
DERBY	106,401	67	28	14	6	-	-	-	-	-	-	6	-	3	4	-	13.7	2.9	-	-	-	-	-	-	DERBY.								
BIRKENHEAD	115,162	63	57	19	12	-	-	-	-	-	2	7	4	6	9	1	25.8	4.1	-	-	-	-	-	-	BIRKENHEAD.								
LIVERPOOL	634,212	465	339	115	56	-	1	7	5	1	4	48	9	17	64	19	27.9	5.4	63.1	45.2	51.5	10.83	1.23	3.12	LIVERPOOL.								
BOLTON	162,221	91	69	25	9	-	-	-	-	2	2	20	2	5	6	-	22.2	7.1	-	-	-	-	-	-	BOLTON.								
MANCHESTER	543,602	329	275	110	41	-	2	1	2	5	-	67	4	11	50	1	26.4	7.4	-	-	-	-	-	-	MANCHESTER.								
SALFORD	218,244	144	114	47	15	-	2	-	-	1	7	16	-	3	16	-	27.2	6.2	-	-	-	-	-	-	SALFORD.								
OLDHAM	150,772	56	47	12	6	-	-	1	-	-	-	7	1	2	6	-	16.3	3.5	-	-	-	-	-	-	OLDHAM.								
BURNLEY	113,081	50	57	18	12	-	3	2	-	-	-	12	1	2	10	-	26.3	8.8	-	-	-	-	-	-	BURNLEY.								
BLACKBURN	135,154	67	55	22	15	-	-	-	1	-	-	9	1	2	8	1	21.2	3.9	-	-	-	-	-	-	BLACKBURN.								
PRESTON	117,622	53	53	27	9	-	-	-	-	-	-	18	-	-	2	3	23.5	8.4	-	-	-	-	-	-	PRESTON.								
HUDDERSFIELD	103,464	47	21	7	7	-	-	-	-	-	-	-	-	-	1	1	10.9	3.0	62.3	40.5	49.9	9.94	2.80	7.11	HUDDERSFIELD.								
HALIFAX	97,721	47	29	11	7	-	-	1	-	1	1	2	1	1	5	-	15.5	2.7	-	-	-	-	-	-	HALIFAX.								
BRADFORD	236,341	100	78	22	16	-	2	-	-	-	2	11	2	3	4	1	17.2	3.3	63.0	42.6	51.5	10.83	1.89	4.80	BRADFORD.								
LEEDS	423,889	250	175	69	27	-	-	1	1	3	4	1	27	5	11	-	21.5	4.6	-	-	-	-	-	-	LEEDS.								
SHEFFIELD	361,169	210	180	69	24	-	4	3	11	-	11	22	4	8	18	2	26.0	7.4	-	-	-	-	-	-	SHEFFIELD.								
HULL	234,270	132	98	44	13	3	1	-	1	1	3	27	3	10	15	1	21.8	8.0	64.0	42.0	50.7	10.39	0.79	2.01	HULL.								
SUNDERLAND	145,013	82	80	31	12	-	-	-	-	-	-	2	2	3	12	2	26.6	7.2	-	-	-	-	-	-	SUNDERLAND.								
GATESHEAD	106,552	62	54	24	5	-	-	-	-	-	-	1	10	-	3	1	26.4	5.4	-	-	-	-	-	-	GATESHEAD.								
NEWCASTLE	228,625	122	121	50	18	-	-	-	-	3	1	13	4	13	19	-	27.6	3.3	-	-	-	-	-	-	NEWCASTLE.								



TABLE 2. LONDON.—Births and Deaths Registered in the THIRTY-EIGHTH Week of each of the Eleven Years, 1889–99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889–98.*	1899
<b>TOTAL Births</b>	2344	2355	2559	2433	2554	2358	2541	2537	2492	2574	2603·7	2531
Males - -	1213	1161	1334	1245	1299	1224	1278	1308	1267	1323	1331·2	1302
Females - -	1131	1194	1225	1188	1255	1134	1263	1229	1225	1251	1272·5	1229
<b>TOTAL Deaths</b>	1267	1375	1322	1238	1561	1211	1346	1238	1341	1863	1447·9	1649
Males - -	649	704	663	634	802	647	703	621	701	1001	749·6	859
Females - -	618	671	659	604	759	564	643	617	640	862	698·3	790

\* The numbers in this column are the average weekly numbers in the thirty-eighth week of the ten years 1889–98, raised by 5·213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	July 1.	July 8.	July 15.	July 22.	July 29.	Aug. 5.	Aug. 12.	Aug. 19.	Aug. 26.	Sept. 2.	Sept. 9.	Sept. 16.	Sept. 23.
<b>TOTAL Births</b>	2441	2484	2351	2444	2494	2577	2214	2671	2646	2532	2442	2675	2531
<b>TOTAL Deaths</b>	1297	1310	1387	1589	1884	2200	2063	2208	2100	1931	1934	1643	1649
<b>Ages at Death</b>													
Under 1 year - -	264	299	367	556	805	1049	1015	1043	916	805	744	572	593
1–5 years - -	156	184	175	201	237	237	242	242	254	265	250	187	187
5–20 " - -	78	86	82	85	98	99	74	88	89	80	75	80	136
20–40 " - -	212	157	171	151	161	203	163	204	229	181	215	201	204
40–60 " - -	287	255	271	279	269	310	269	298	290	261	313	282	309
60–80 " - -	240	270	270	254	284	238	244	262	264	265	267	259	269
80 years and upwards	60	59	51	63	64	64	41	71	58	74	70	62	71
<b>Deaths from—</b>													
Small pox - -	-	-	1	-	-	-	-	-	-	-	-	-	-
Measles - -	51	50	48	46	56	60	54	48	52	34	33	17	17
Scarlet Fever - -	11	12	4	8	5	6	8	8	7	5	5	2	8
Diphtheria - -	25	31	37	42	35	44	26	33	29	29	24	22	42
Whooping-cough - -	26	27	26	20	19	27	16	28	18	31	25	16	19
Typhus - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever - -	11	7	6	8	13	13	12	11	16	18	11	18	24
Simple Continued Fever	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery	20	28	75	185	350	477	463	481	426	368	322	233	162
Cholera - -	-	-	2	7	12	21	16	21	21	22	8	9	6
<b>All the above Diseases</b>	144	155	199	316	490	648	600	625	569	507	429	317	278
<b>Dis. of Respiratory System—</b>													
Phthisis - -	159	194	176	149	169	157	163	148	169	131	170	133	138
Dis. of Circulatory System—	153	139	115	116	112	145	134	151	152	140	167	183	139
Violence - -	124	114	122	116	123	110	96	114	112	114	132	110	134
Inquest Cases - -	73	49	67	77	82	91	72	70	60	60	65	62	71
Deaths in Public Institutions—	143	120	128	137	156	161	151	153	139	134	160	145	147
<b>TEMPERATURE OF THE AIR.</b>													
Mean - -	62·3	62·3	66·2	70·2	64·8	67·5	63·8	66·5	66·4	63·5	65·6	57·5	51·6
Mean of Highest readings -	73·1	71·9	77·7	83·2	75·4	78·8	74·6	77·4	79·8	74·1	76·5	67·0	63·5
Mean of Lowest readings -	53·8	54·3	56·9	57·9	55·3	57·3	55·7	57·2	53·6	55·2	55·2	48·8	48·2
<b>Humidity of the Air</b>	68	71	67	58	67	69	73	64	63	71	70	73	68
<b>Rain-fall (in inches)</b>	0·74	0·13	0·09	0·06	0·97	0·09	0·02	0·00	0·00	0·29	0·54	0·27	0·36
<b>Registered Sunshine (in hours)</b>	43·9	31·4	49·4	71·0	63·6	79·7	54·9	49·4	74·8	53·4	47·5	23·5	38·3
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - -	2	-	-	-	-	1	-	-	-	-	-	-	-
Scarlet Fever - -	2430	2530	2602	2653	2667	2704	2674	2613	2548	2538	2549	2640	2756
Diphtheria - -	1280	1347	1434	1488	1545	1526	1519	1508	1512	1502	1464	1486	1474
Enteric Fever - -	105	94	99	104	131	158	183	196	203	213	224	228	235

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Worcester; Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. F. Peak, Hull.



TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-EIGHTH Week of the Year 1899.

CAUSES OF DEATH	Corrected Averages for the 38th Week of the 10 years 1889-98.	In the Week ending Saturday, 23rd September 1899.										Corrected Averages for the 38th Week of the 10 years 1889-98.	In the Week ending Saturday, 23rd September 1899.										
		Deaths of Persons of the Ages											Deaths of Persons of the Ages										
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.						
			0-1.	1-5.	5-20.						0-1.		1-5.					5-20.					
CAUSES - - -	1447.9	1649	503	187	106	204	309	269	71														
Unvaccinated	0.2	-	-	-	-	-	-	-	-														
Vaccinated	0.1	-	-	-	-	-	-	-	-														
No Statement	0.1	-	-	-	-	-	-	-	-														
et Fever - - -	14.0	17	4	11	2	-	-	-	-														
us - - -	18.6	8	2	4	1	1	-	-	-														
ing Fever - - -	0.2	-	-	-	-	-	-	-	-														
enza - - -	2.7	4	-	-	-	2	-	2	-														
ping-cough - - -	30.9	19	7	11	1	-	-	-	-														
heria - - -	47.5	42	-	24	18	-	-	-	-														
Continued and	0.5	-	-	-	-	-	-	-	-														
efined Fever - - -	16.9	24	-	-	5	16	3	-	-														
ic Fever - - -	2.4	6	5	1	-	-	-	-	-														
ra and Chol. Diarr.	108.3	162	110	27	2	2	3	16	2														
hea, Dysentery - - -	0.2	-	-	-	-	-	-	-	-														
ttent Fever - - -	0.2	-	-	-	-	-	-	-	-														
phobia - - -	-	-	-	-	-	-	-	-	-														
ers - - -	-	-	-	-	-	-	-	-	-														
ox and Effects of	0.3	-	-	-	-	-	-	-	-														
ination - - -	10.0	14	8	1	-	2	1	2	-														
real Affections - - -	4.1	5	1	1	-	-	2	1	-														
elas - - -	2.0	1	-	-	1	-	-	-	-														
ia and Septicæmia	4.3	3	-	-	-	3	-	-	-														
eral Fever - - -	0.9	1	-	-	-	-	1	-	-														
Zymotic Diseases	-	-	-	-	-	-	-	-	-														
sh - - -	1.3	1	1	-	-	-	-	-	-														
as and other Para-	0.2	2	-	-	-	-	2	-	-														
al Diseases - - -	-	-	-	-	-	-	-	-	-														
ation, Want of	1.8	-	-	-	-	-	-	-	-														
ast-milk - - -	8.2	15	-	-	-	7	8	-	-														
olism - - -	-	-	-	-	-	-	-	-	-														
matic Fever, - - -	9.4	7	-	1	2	1	2	-	1														
umatism of Heart	2.9	1	-	-	-	-	1	-	-														
matism - - -	2.6	3	-	-	-	-	2	1	-														
ts - - -	4.5	8	3	5	-	-	-	-	-														
er - - -	70.2	106	-	1	1	8	65	27	4														
Mesenterica - - -	29.3	34	25	6	2	-	-	-	-														
gular Meningitis - - -	23.4	25	6	13	4	2	-	-	-														
sis - - -	147.5	139	1	2	14	57	56	9	-														
ula, Tuberculosis - - -	17.5	22	5	8	2	4	2	1	-														
Constitutional	11.6	13	2	1	2	5	1	2	-														
ases - - -	-	-	-	-	-	-	-	-	-														
ature Birth - - -	50.3	57	57	-	-	-	-	-	-														
ctasis - - -	4.3	3	3	-	-	-	-	-	-														
enital Malforma-	7.9	6	6	-	-	-	-	-	-														
is - - -	45.9	56	-	-	-	-	1	24	31														
ge - - -	-	-	-	-	-	-	-	-	-														
lexy - - -	36.6	43	-	-	-	1	16	23	3														
psy - - -	6.9	7	-	-	1	3	1	2	-														
ulsions - - -	34.6	36	32	4	-	-	-	-	-														
Diseases of Brain	74.1	72	8	8	6	9	17	22	2														
Nervous System	-	-	-	-	-	-	-	-	-														
ses of Organs of	-	-	-	-	-	-	-	-	-														
cial Sense - - -	3.2	2	-	1	1	-	-	-	-														
Diseases of Circulatory System - - -	117.1	134	1	-	13	19	43	50	8														
Croup - - -	3.7	-	-	-	-	-	-	-	-														
Bronchitis - - -	33.7	56	13	3	-	-	6	26	6														
Pneumonia - - -	65.9	69	14	15	4	17	12	6	1														
Pleurisy - - -	4.1	1	-	-	-	-	-	-	-														
Other Diseases of Respiratory System - - -	16.2	12	3	4	1	2	1	1	-														
Dentition - - -	6.6	2	1	1	-	-	-	-	-														
Quinsy, Sore Throat - - -	1.7	2	-	1	1	-	-	-	-														
Enteritis - - -	43.7	17	8	4	4	1	-	-	-														
Gastro-enteritis - - -	-	107	79	17	3	1	4	3	-														
Peritonitis - - -	6.5	4	-	-	-	2	1	1	-														
Diseases of Liver - - -	27.3	31	4	-	-	3	14	7	3														
Other Diseases of Digestive System - - -	31.4	31	7	1	5	1	7	9	1														
Diseases of Lymphatic System & of Ductless Glands - - -	1.2	3	-	-	-	1	2	-	-														
Diseases of Urinary System - - -	38.9	54	-	-	-	8	19	24	3														
Diseases of Generative System - - -	5.7	4	-	-	-	2	2	-	-														
Accidents of Childbirth - - -	4.5	4	-	-	-	4	-	-	-														
Diseases of Locomotive System - - -	4.5	2	-	-	1	1	-	-	-														
Diseases of Integumentary System - - -	6.8	5	1	-	-	-	1	1	2														
VIOLENT DEATHS.†																							
(ACCIDENT.)																							
By Railways - - -	-	2	-	-	-	2	-	-	-														
By Vehicles or Horses - - -	-	7	-	1	3	1	2	-	-														
In Ships, Boats, Docks, (exclusive of Drowning) - - -	-	-	-	-	-	-	-	-	-														
In Building Operations - - -	-	5	-	-	-	2	2	1	-														
In Conflagrations - - -	-	-	-	-	-	-	-	-	-														
By Burns, Scalds, Explosions - - -	-	8	-	4	-	1	-	2	1														
By Drowning - - -	-	5	-	-	-	4	1	-	-														
By Suffocation in Bed - - -	-	11	11	-	-	-	-	-	-														
By Poisons or Poisonous Vapours - - -	-	4	-	-	1	2	1	-	-														
Other or not stated causes - - -	-	24	7	1	4	4	3	3	2														
(VIOLENCE OTHER THAN ACCIDENTAL.)																							
Homicide - - -	1.1	-	-	-	-	-	-	-	-														
Suicide - - -	6.5	5	-	-	-	1	2	-	-														
Execution - - -	-	-	-	-	-	-	-	-	-														
OTHER CAUSES - - -	63.4	76	68	5	1	-	1	1	-														

The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement." The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such causes are classed under "accident."

TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered in the SUB-DISTRICT during the Week ending Saturday, 23rd September, 1899.

The DEATHS registered during the Week include																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of															Deaths under 1 Year of Age.	Persons aged 60 Years and upwards.	Small- pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there, namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers received. The Roman capitals signify the Water Companies which supply the different Sub-districts;—G. sign Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth N. River; E. East London; and K. the Kent Company.

\* See note † on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and re-named North Hammersmith and South Hammersmith, respectively.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 23rd September, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation. 1896.	Total Births.	The DEATHS registered during the Week include																
			Total DEATHS	Deaths of		Deaths from										Inquest Cases	Deaths in Public Institutions	Uncertified Causes of Death	
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.				
CENTRAL DISTRICTS.																			
St. George Bloomsbury - - N.	16,116	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles South WH - - N.	12,976	11	7	2	2	-	1	-	-	-	-	-	-	-	1	-	-	-	
St. Giles North H - - N.	3,151	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Martin-in-the-Fields HHN. & C. and WHH - - - N.	13,077	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew Union Workhouse, Edmonton	11,839	3	3	-	1	-	-	-	-	-	-	-	-	-	-	-	3	-	
	†1,037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	
St. John w HHHHHH - - N.	31,042	15	18	10	2	-	-	-	-	-	1	-	-	-	2	-	10	1	
St. James Clerkenwell - - N.	15,777	11	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
St. John Clerkenwell - - N.	34,356	24	11	4	-	-	-	-	-	-	-	-	-	-	-	-	1	3	
St. John Clerkenwell - - N.	16,069	9	5	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
St. John Clerkenwell - - N.	29,597	31	13	5	2	-	-	-	-	-	1	-	-	-	2	-	1	-	
St. John Clerkenwell - - N.	7,595	3	7	-	2	-	1	-	-	1	-	-	-	-	-	-	-	-	
St. John Clerkenwell - - N.	4,035	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. John Union Workhouse, } St. John Clerkenwell	†592	-	2	-	1	-	-	-	-	-	-	-	-	-	1	1	2	-	
St. Botolph* HH - - N. & E.	9,762	1	3	-	2	-	-	-	-	-	-	-	-	-	-	-	1	-	
St. Botolph* HH - - N.	3,299	1	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph* WH - - N.	9,591	1	14	1	1	-	-	-	-	1	-	-	-	-	1	2	2	12	
St. Botolph* Barking - - N.	9,059	1	5	1	1	-	-	-	-	-	-	-	-	-	-	3	3	-	
St. Botolph* of London Asylum, Stone - -	†388	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EAST DISTRICTS.																			
St. Andrew South HI - - E. & N.	17,975	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
St. Andrew New Town w - - N.	29,575	16	13	4	5	-	-	-	-	1	-	-	-	-	2	1	3	7	
St. Andrew Old Town - - N.	27,645	20	13	7	1	-	-	-	-	-	-	-	-	-	1	1	1	-	
St. Andrew Wharfedale WH - - N. & E.	47,163	34	13	2	3	-	-	-	-	-	-	-	-	-	1	1	4	-	
St. Andrew Green North H - - E.	49,301	36	15	6	3	-	-	-	-	-	1	-	-	-	-	1	1	2	
St. Andrew Green South - - E.	34,194	33	10	1	2	-	-	-	-	-	1	-	1	-	1	1	2	1	
St. Andrew Green East WHI - - E.	45,667	23	26	6	10	-	-	-	-	-	-	-	-	-	3	1	2	14	
St. Andrew Fields - - E. & N.	26,681	18	5	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-	
St. Andrew End New Town† WH - - E.	51,995	15	42	6	4	-	-	-	-	-	-	1	-	-	1	5	11	36	
St. Andrew St. Andrew's Fields† - - E.		18	7	4	-	-	-	-	-	-	2	-	-	-	1	-	1	-	
St. Andrew's North - - E.	39,576	40	5	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	
St. Andrew St. George East W E.	7,930	7	10	1	2	-	-	-	-	-	-	-	-	-	-	1	8	-	
St. Andrew Well H - - E. & N.	10,434	6	8	6	-	-	-	-	-	-	-	-	-	-	3	-	-	5	
St. Andrew Cliff W - - E.	14,954	12	10	2	1	-	-	-	-	-	-	-	-	-	1	2	4	-	
St. Andrew House - - E.	32,917	18	13	10	-	-	1	-	-	-	-	-	-	-	4	2	3	-	
St. Andrew End Old Town West H E.	111,060	26	12	4	2	-	-	-	-	1	-	-	-	-	1	-	2	-	
St. Andrew End Old Town East W E.		29	20	5	4	-	-	-	-	1	1	-	-	-	1	1	4	3	
St. Andrew St. Andrew's North - - E.	41,687	29	11	2	1	-	-	-	-	-	-	-	-	-	2	-	1	-	
St. Andrew St. Andrew's North - - E.	69,821	52	28	5	9	-	-	-	-	-	1	-	-	-	2	-	4	11	
St. Andrew St. Andrew's North - - E.	57,759	44	20	6	6	-	-	-	-	-	-	-	-	-	1	-	1	-	

\* The Sub-Districts of St. Botolph and Broad Street were united on 1st September 1899.

† Population in 1891, not included in the total population of the Central Districts or of London.

Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.



		The DEATHS registered during the Week include																
REGISTRATION SUB-DISTRICTS		Population, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions
					Infants under 1 Year of Age.	Personnel aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple Fever.	Diarrhoea.	Violence.		
<b>SOUTH DISTRICTS.</b>																		
Christchurch Southwark	WHL & S.	13,064	9	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Saviour Southwark	- S.	12,301	10	6	3	-	-	1	-	-	-	-	-	-	-	-	-	-
Kent-road	- S. & L.	22,879	17	15	9	-	-	-	-	-	-	-	-	-	-	-	-	-
Borough-road	WH - S. & L.	16,083	20	7	1	-	-	-	-	1	-	-	-	-	-	-	-	-
London-road	HL - L. & S.	21,316	18	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Trinity Newington	- S. & L.	28,723	19	13	8	1	-	1	-	-	-	-	-	-	-	-	-	-
St. Peter Walworth	W - S. & L.	62,045	37	25	14	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary Newington-	- L. & S.	30,171	26	12	8	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Olave WH	- - - S.	11,731	10	17	2	3	-	-	-	-	1	-	-	-	2	2	11	-
Bermondsey W	- - - S.	85,476	63	25	9	6	-	1	-	-	-	-	-	-	2	2	1	4
Rotherhithe Ww	- - S. & K.	40,379	22	25	9	6	-	-	-	2	-	-	-	-	5	2	1	-
Waterloo-road HH	- L. & S.	28,396	24	15	5	2	-	-	-	2	-	-	-	-	2	-	-	2
Lambeth Church 1st H	- L. & S.	18,770	10	23	4	3	-	1	-	-	-	1	-	-	1	2	3	14
Lambeth Church 2nd WW	- L. & S.	40,994	30	33	12	5	-	-	-	-	-	-	-	-	6	1	3	17
Kennington 1st H	- S. & L.	52,486	40	17	4	5	-	1	-	-	-	-	-	-	1	-	1	1
Kennington 2nd	- S. & L.	43,244	17	11	3	2	-	-	-	1	-	-	-	-	-	-	-	-
Brixton w	- L. & S.	81,825	46	21	4	4	-	-	1	2	1	-	-	-	2	-	1	4
Norwood WH	- - L.	29,318	8	7	2	-	-	-	-	-	-	-	-	-	1	-	-	-
East Battersea -	- - S.	71,730	52	13	9	1	-	-	-	-	-	-	-	-	-	-	-	-
West Battersea WwH	- - S.	93,385	70	44	13	11	-	2	-	-	-	-	-	-	5	3	5	12
Clapham H	- - S.	46,953	23	14	6	1	-	-	-	-	-	-	-	-	1	2	2	1
Wandsworth WHHL	- - S.	58,101	25	16	6	3	-	-	-	1	-	-	-	-	1	1	1	-
Putney	- - S.	20,666	16	4	1	-	-	-	-	1	-	-	-	-	-	-	-	-
Streatham WwwwL	- - L.	61,644	31	26	11	3	-	-	1	4	-	-	-	-	4	-	-	7
Dulwich -	- L. & S.	7,519	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell Wwl	- S. & L.	90,286	50	45	9	19	-	-	-	1	-	-	-	-	8	-	-	19
Peckham WW	- S., L. & K.	88,242	36	20	9	6	-	-	-	2	-	-	-	-	5	-	1	-
St. George Camberwell	- L. & S.	67,029	42	19	5	5	-	1	-	1	-	-	-	-	-	-	-	-
Deptford North	- - K.	36,152	23	10	4	3	-	1	-	-	1	-	-	-	2	1	2	-
Deptford Central w	- - K.	45,441	24	24	8	2	-	-	2	5	1	-	-	-	1	1	1	10
Deptford South	- - K.	33,402	21	7	2													

TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 23rd September, 1899.

REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													
					Deaths of		Deaths from											
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unspecified Causes.	of Death
LONDON—OUTER RING	368,749	1,422,063	1089	592	239	106	-	6	2	17	3	7	98	21	42	66	4	
1 Carshalton WHH	12,228	26,108	11	7	3	-	-	-	-	-	-	-	-	-	-	-	-	
2 Epsom, part of* WWH	10,423	12,508	5	6	2	-	-	-	-	-	-	-	1	-	1	-	1	
1 Godstone, part of* W	2,754	1,598	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
1 Croydon WWHH	20,851	128,699	77	44	13	10	-	1	-	-	2	-	7	2	4	4	-	
2 Mitcham W	11,697	23,072	21	9	6	1	-	-	-	-	-	-	1	1	3	-	-	
1 Wimbledon HHH	3,220	25,777	22	8	2	1	-	-	-	-	-	-	1	-	-	-	-	
2 Kingston WH	-	33,566	25	10	5	3	-	-	-	-	-	-	3	1	1	3	-	
3 Surbiton H-	-	12,178	5	3	1	1	-	-	-	-	-	-	1	1	1	-	-	
4 Esher, part of* HH	-	11,080	6	4	1	1	-	-	-	-	-	-	1	1	-	-	-	
5 Hampton HL	4,565	18,252	18	5	2	2	-	-	-	1	-	-	1	-	-	-	-	
1 Richmond WH	2,160	25,389	10	8	1	3	-	-	-	-	-	-	-	-	1	3	-	
2 Mortlake H	2,823	16,159	14	3	-	-	-	-	-	-	-	-	1	1	-	-	-	
1 Bromley HHH	9,127	23,815	10	6	3	1	-	-	-	-	-	-	2	-	-	3	-	
2 Beckenham H	6,542	21,969	7	10	4	3	-	-	-	-	1	-	1	-	-	-	-	
3 Chislehurst, part of* WHH	14,307	20,372	15	8	5	2	-	-	-	1	-	-	2	-	-	3	-	
1 Bexley HHH	12,540	30,590	30	15	7	1	-	-	-	1	-	-	4	-	-	1	-	
2 Dartford WH, part of*	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	
1 Sunbury W	11,054	13,671	10	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
2 Staines WH	13,277	13,221	6	4	1	1	-	-	-	-	-	-	1	-	1	1	-	
1 Hillingdon WHH	6,035	12,237	8	5	1	1	-	-	-	1	-	-	1	-	-	1	-	
2 Uxbridge	12,757	7,253	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
3 Hayes WH	7,952	11,051	4	4	2	1	-	-	-	-	-	-	2	-	-	-	-	
1 Isleworth WHH	6,967	26,004	16	11	4	2	-	-	-	1	-	-	2	1	1	2	-	
2 Twickenham HH	2,415	16,027	7	6	2	1	-	-	-	1	-	-	1	1	1	1	-	
3 Brentford HHHH	4,518	37,777	18	9	4	1	-	-	-	-	-	-	2	1	1	-	-	
4 Chiswick	1,245	21,963	18	8	2	3	-	-	-	-	-	-	1	1	1	-	-	
6 Acton WHH	6,132	30,945	30	5	1	1	-	-	-	1	-	-	1	-	-	-	-	
1 Harrow HHH	13,809	15,715	8	4	1	2	-	-	-	-	-	-	-	-	-	-	-	
2 Edgware HH	6,994	3,844	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3 Willesden HHH	4,383	61,265	76	37	15	7	-	-	-	-	-	-	11	3	2	1	-	
4 Hendon WH	6,362	15,843	10	9	3	1	-	-	-	1	-	-	1	1	1	2	-	
1 South Mimms HH	-	6,367	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2 Barnet WHH	21,077	14,152	10	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
3 Finchley HHH	4,688	25,820	9	15	4	4	-	-	-	1	-	-	2	-	-	-	-	
1 Hornsey HH	3,039	61,097	39	18	6	6	-	-	-	1	-	-	1	1	2	-	-	
2 Tottenham HH	4,642	97,174	75	40	17	3	-	-	-	-	-	-	3	3	5	1	-	
3 Edmonton WWH	7,439	36,551	36	18	6	3	-	1	1	-	-	-	4	4	3	3	1	
4 Enfield WWHH	12,602	31,536	18	9	2	1	-	-	-	2	-	-	2	-	-	-	-	
6 Waltham Abbey	11,017	6,066	-	5	2	1	-	-	-	-	-	-	1	-	-	-	-	
Cheshunt H	8,480	9,620	6	5	1	2	-	-	-	-	-	-	-	-	1	-	-	
1 Hatfield, part of* W-	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 Bushey H	9,331	7,737	7	2	1	-	-	-	-	-	-	-	1	-	-	-	-	
2 Watford WH, part of*	-	-	-	2	-	1	-	-	-	1	-	-	-	-	-	2	-	
1 Stratford H	-	38,612	20	22	9	-	-	-	-	-	-	-	3	2	4	5	1	
2 Plaistow WWHH	-	59,030	69	29	12	3	-	-	-	-	-	-	4	1	1	2	-	
3 Canning Town H	4,706	54,750	56	39	17	5	-	-	1	-	-	-	12	1	2	1	-	
4 Forest Gate W	-	53,511	33	20	9	6	-	-	-	-	-	-	4	-	-	-	-	
5 East Ham WWH	3,266	32,713	61	19	11	-	-	-	-	-	-	-	5	-	2	-	-	
6 Leyton WWHH	4,334	70,188	48	41	11	12	-	1	-	-	-	-	1	1	-	18	-	
Walthamstow HHHHL	6,501	57,330	66	28	15	4	-	-	-	-	-	-	1	4	-	2	-	
1 Chigwell, part of* HHHH	11,779	12,941	9	4	-	1	-	-	-	-	-	2	1	-	-	1	-	
2 Epping WH, part of*	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	
1 Romford, part of* WH	6,556	4,324	4	5	1	2	-	-	-	-	-	-	1	-	-	2	-	
2 Ilford	8,493	10,913	12	5	2	1	-	-	-	-	-	-	-	-	-	-	-	
3 Barking Town, H	3,814	14,301	14	9	9	-	-	-	-	-	-	-	5	-	-	-	-	
Middlesex County Asylum, Wandsworth.	-	-	-	3	-	1	-	-	-	-	-	-	-	-	-	3	-	

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warringham and Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in the parish of Northaw; 187: 1, Chigwell sub-district, except the parish of Thevdon Bojs and part of the parish of Ennis.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS AND  
Rate of MORTALITY during the week ending Saturday, 23rd September, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Visc.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.			
GREATER LONDON	443,421	6,523,434	17·9	3·2	2241	732	446	-	23	10	59	22	31	260	92			
INNER LONDON -	74,672	4,546,752	18·0	3·1	1649	503	340	-	17	8	42	19	24	162	71			
OUTER RING -	368,749	1,981,682	15·6	3·5	592	229	106	-	6	2	17	3	7	98	21			

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	
EDINBURGH -	298,927	Sept. 23	143	125	21·8	-	2	-	1	1	2	
GLASGOW -	793,903	" 23	498	271	19·3	-	3	6	1	-	5	
DUBLIN -	349,594	" 23	211	200	29·8	-	23	2	-	1	5	
CALCUTTA -	466,480	Aug. 19	-	224	25·0	-	-	-	2	1	61	
BOMBAY -	821,764	" 29	259	673	48·5	6	5	?	?	?	188	
MADRAS -	452,518	" 18	398	304	34·9	-	3	?	?	?	56	
PARIS -	2,511,629	Sept. 16	1100	761	15·7	-	10	1	4*	7	23	
BRUSSELS -	551,011	" 16	-	-	-	-	-	-	-	-	-	
AMSTERDAM -	517,595	" 9	278	131	13·2	-	-	1	-	1	-	
ROTTERDAM -	315,305	" 9	209	108	17·7	-	-	-	-	2	-	
THE HAGUE -	199,285	" 9	131	81	21·1	-	-	1	-	-	-	
COPENHAGEN -	345,000	" 16	197	135	20·4	-	-	1	1	2	-	
STOCKHOLM -	291,580	" 9	121	92	16·4	-	-	2	5*	1	1	
CHRISTIANIA -	221,255	" 16	192	68	16·0	-	-	-	4	-	1	
ST. PETERSBURG -	1,132,677	" 9	478	492	22·6	-	8	5	21	9	16	
MOSCOW -	988,610	" 9	-	492	25·9	-	1	7	4	3	4	
BERLIN -	1,818,517	" 2	-	-	-	-	-	-	-	-	-	
HAMBURG -	675,351	" 16	-	243	18·7	-	-	3	1*	6	1	
DRESDEN -	394,300	Aug. 26	-	156	20·5	-	-	3	1*	3	2	
BRESLAU -	406,012	Sept. 16	-	211	27·1	-	-	3	2	2	2	
MUNICH -	445,000	" 16	-	204	23·3	-	-	-	4*	5	2	
VIENNA -	1,623,134	" 16	884	478	15·3	-	3	3	2*	2	4	
PRAGUE -	384,622	" 16	189	165	22·3	-	1	6	3	4	2	
BUDA-PESTH -	666,722	" 9	434	228	17·8	-	-	7	2	2	1	
TRIESTE -	166,599	" 2	90	90	28·1	-	-	3	2*	1	6	
ROME -	505,850	Aug. 26	179	122	12·6	-	-	1	-	-	-	
TURIN (10 days) -	344,203	July 31	-	-	-	-	-	-	-	-	-	
VENICE -	171,023	Sept. 9	73	65	19·8	-	-	-	2*	-	-	
CAIRO -	570,062	July 8	-	-	-	-	-	-	-	-	-	
ALEXANDRIA -	319,766	" 8	-	-	-	-	-	-	-	-	-	
NEW YORK (including BROOKLYN) -	3,550,953	Aug. 26	1651	1225	18·0	-	6	7	20	26	1	
PHILADELPHIA -	1,266,832	Sept. 2	-	336	13·8	-	-	1	12	6	1	

\* Including deaths from croup.

† Including 27 deaths from plague in Calcutta and 95 in Bombay.



NORTH AND  
DAY

## SEPTEMBER.

SUNDAY - 17	..	in. 29.623	69.0	50.1	18.9	57.6	0	0	5.2	5.0	14.6	0	2.1	84	108.6	44.7	62.81	SW. & WSW.	W. & WNW.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	WSW. & W.	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## SEPTEMBER.

SEPTEMBER.		in hours.		in hours.		Symbols, see Note.)		in hours.		in hours.		in hours.	
SUNDAY	- 17		28		12 <sup>5</sup>		w. P. throughout -		28		12 <sup>5</sup>		Fine, but generally cloudy.
MONDAY	- 18		48		12 <sup>5</sup>		w. P. till 10h. A.M.; w. P. and w. N. till noon; m. P. generally afterwards		48		12 <sup>5</sup>		Fine generally; cloudy and showery in forenoon. Gusty wind in afternoon. Lunar halo at night.
TUESDAY	- 19		07		12 <sup>4</sup>		w. P. generally till 6h. P.M.; w. P. and w. N. afterwards.		07		12 <sup>4</sup>		Generally cloudy; showery at night. Gusty wind.
WEDNESDAY	- 20		87		12 <sup>3</sup>		w. P. generally till 9h. A.M.; m. P. with occasional m. N. afterwards		87		12 <sup>3</sup>		Very fine. Strong gusty wind prevalent till evening.
THURSDAY	- 21		84		12 <sup>2</sup>		m. P. generally -		84		12 <sup>2</sup>		Very fine generally; cloudy at night.
FRIDAY	- 22		83		12 <sup>2</sup>		w. P. and w. N. till 4h. A.M.; w. P. till 9h. A.M.; m. P. afterwards.		83		12 <sup>2</sup>		Cloudy, with rain in early morning; very fine, with small amounts of cloud till evening; cloudless at night. Brisk wind.
SATURDAY	- 23		46		12 <sup>1</sup>		w. P. generally till 7h. P.M.; w. P. and v. N. till 9h. P.M.; w. P. afterwards.		46		12 <sup>1</sup>		Very fine in morning; fine and partially cloudy till 7h. P.M.; cloudy and showery till 10h. P.M.; fine afterwards.
			Sum 383		Sum 862				Sum 383		Sum 862		
No. of Col. -	-		28		29		27		28		29		

## GENERAL REMARKS.

Fine, but generally cloudy.

Fine generally; cloudy and showery in forenoon. Gusty wind in afternoon. Lunar halo at night.

Generally cloudy; showery at night. Gusty wind.

Very fine. Strong gusty wind prevalent till evening.

Very fine generally; cloudy at night.

Cloudy, with rain in early morning; very fine, with small amounts of cloud till evening; cloudless at night. Brisk wind.

Very fine in morning; fine and partially cloudy till 7h. P.M.; cloudy and showery till 10h. P.M.; fine afterwards.

The results apply to the civil day or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M. and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of correction, deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from an admisson of the observations made at Green with during the 50 years ending 1890 and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: - P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29.62 in. at the beginning of the week to 29.38 in. by 11h. P.M. on the 19th; increased to 29.77 in. by 9h. A.M. on the 21st; decreased to 29.26 in. by 3h. A.M. on the 22nd; increased to 29.87 in. by 8h. A.M. on the 23rd; and decreased to 29.72 in. by the end of the week.

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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

Printed under the Superintendence of Her Majesty's Stationery Office,

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No. 39. 1899. VOL. LX.] WEEK ENDING SATURDAY, SEPT. 30. [Price 1½d.

General Register Office, Somerset House,  
October 2nd, 1899.

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 19·1 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Sept. 9.	Sept. 16.	Sept. 23.	Sept. 30.		Sept. 9.	Sept. 16.	Sept. 23.	Sept. 30.
33 Great Towns	25·2	21·1	20·6	19·1	Leicester - -	25·1	19·5	16·6	18·3
Birkenhead -	18·1	17·7	25·8	18·1	Liverpool - -	32·2	30·9	27·9	26·5
Birmingham -	28·9	25·2	22·5	23·0	London - - -	22·2	18·8	18·9	16·7
Blackburn -	24·3	20·8	21·2	14·7	Manchester - -	32·8	26·2	26·4	25·1
Bolton -	33·8	22·2	22·2	22·5	Newcastle-on-Tyne	35·8	24·9	27·6	23·3
Bradford -	23·8	19·6	17·2	12·6	Norwich - - -	23·0	10·6	17·0	13·4
Brighton -	31·3	25·8	16·1	17·8	Nottingham - -	27·4	21·8	22·7	21·3
Bristol -	20·8	16·9	14·9	14·9	Oldham - - -	25·6	17·3	16·3	21·8
Burnley -	43·8	28·1	26·3	17·5	Plymouth - - -	22·8	17·6	17·6	15·5
Cardiff -	25·5	16·8	16·8	16·6	Portsmouth - -	21·3	18·6	19·7	17·8
Croydon -	18·4	13·5	15·1	14·3	Preston - - -	28·8	31·0	23·5	27·9
Derby -	26·5	15·7	13·7	16·2	Salford - - -	31·1	32·5	27·2	26·0
Gateshead -	21·5	25·9	26·4	20·1	Sheffield - - -	30·3	21·9	26·0	24·5
Halifax -	19·7	17·6	15·5	14·4	Sunderland - -	31·9	29·4	28·6	24·7
Huddersfield -	22·7	17·6	10·6	17·1	Swansea - - -	22·1	20·1	8·5	16·6
Hull -	27·2	21·6	21·8	25·8	West Ham - - -	22·2	19·3	21·0	16·3
Leeds -	18·1	18·1	21·5	20·1	Wolverhampton -	36·4	31·7	14·7	20·0

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *whooping-cough*, 1·0 in Bolton, 1·2 in Leicester, and 1·6 in Portsmouth; from "*fever*," 1·0 in Bolton and in Huddersfield, 1·1 in Sunderland, 1·4 in Portsmouth, in Salford, and in Sheffield, and 2·3 in Birkenhead; and from *diarrhœa*, 3·0 in Swansea, 3·1 in Liverpool and in Blackburn, 3·2 in Burnley, 3·3 in Nottingham, 3·6 in Salford, 3·7 in Birmingham, 3·9 in Gateshead, 4·0 in West Ham, and 5·3 in Preston. In none of the thirty-three towns did the death-rate from *measles* or from *scarlet fever* reach 1·0 per 1000. The 95 deaths from *diphtheria* included 44 in London, 13 in Sheffield, 8 in Leeds, 6 in Birmingham, and 3 in Leicester. One death from *small-pox* was registered in Hull, but not one in any other of the thirty-three towns.

#### LONDON.

In LONDON† 2399 BIRTHS and 1456 DEATHS were registered. Allowing for increase of population, the births were 219, and the deaths 25, below

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.



the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes which had been 22·2, 18·8, and 18·9 in the preceding three weeks, fell again last week to 16·7. During the four weeks ending on Saturday last the death-rate averaged 19·2 per 1000, being 2·4 per 1000 above the mean rate in the corresponding periods of the ten years 1889-98.

The 1456 deaths included 15 from measles, 9 from scarlet fever, 44 from diphtheria, 23 from whooping-cough, 19 from enteric fever, 81 from diarrhœa and dysentery, 2 from cholera, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 193 deaths were referred to these diseases, being 36 below the corrected average weekly number.

The deaths from *measles*, which had been 33, 17, and 17 in the preceding three weeks, fell to 15 last week, the corrected average being 16. The deaths from *scarlet fever*, which had been 5, 2, and 8 in the preceding three weeks, were 9 last week, the corrected average being 22. The deaths from *diphtheria*, which had been 24, 22, and 42 in the preceding three weeks, further rose last week to 44, but were 11 below the corrected average; 6 cases belonged to Lambeth, 5 to Islington, 3 to Mile End Old Town, and 3 to St. George Southwark sanitary areas. The deaths from *whooping-cough*, which had been 25, 16, and 19 in the preceding three weeks, further rose last week to 23, but were 3 below the corrected average. The fatal cases of *enteric fever*, which had been 11, 18, and 24 in the preceding three weeks, fell again last week to 19, but were 3 above the corrected average; 2 cases belonged to Fulham, 2 to St. Pancras, and 2 to Islington sanitary areas. The deaths from *diarrhœa*, which had been 322, 233, and 162 in the preceding three weeks, further fell last week to 81, and were 8 below the corrected average. Of the 81 deaths from diarrhœa, 74 were of children under 5 years of age; 63 more deaths at this age-period were described as due to *gastro-enteritis*, which appears as a separate heading in Table 4. The deaths referred to diseases of the respiratory organs, which had been 170, 133, and 138 in the preceding three weeks, further rose last week to 156, but were 41 below the corrected average. The deaths attributed directly to *influenza* numbered 6, having been 3, 4, and 4 in the preceding three weeks.

Different forms of violence caused 57 deaths, concerning all but 3 of which inquests were held. Of these 57 deaths, 10 were cases of suicide, while the remaining 47 were attributed to accident or negligence. Four of these were referred to vehicles in the streets, 8 to burns and scalds, 4 to drowning, and 10 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 2886 cases of scarlet fever, 1487 of diphtheria, and 252 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 409 cases, against 298, 336, and 364; of diphtheria, 240 cases, against 183, 205, and 219; and of enteric fever, 52 cases, against 29, 42, and 41.

#### GREATER LONDON.

In Greater London 3386 births and 1983 deaths were registered, corresponding to annual rates of 27·0 and 15·8 per 1000 of the estimated population. In the Outer Ring 5 deaths from measles, 1 from scarlet fever, 15 from diphtheria, 8 from whooping-cough, 6 from "fever," and 62 from diarrhœa were registered. Six deaths from diphtheria and 28 from diarrhœa occurred in West Ham district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·47 inches, and that of the Thermometer 52°·1; the latter being 2°·7 below the week's average in the 50 years 1841-90. The direction of the wind was south-westerly, the horizontal movement of the air being 30 per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 32·5 hours; the measured rainfall amounted to 1·01 inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases, the diagnosis is found after sojourn in the Hospital to have been erroneous.

The DEATHS registered in the Week include

Registered during the Week ending 30th Sept. 1899.

CITIES AND BOROUGHES.	POPULATION estimated middle of the Year 1899.*	Registered during the Week ending 30th Sept. 1899.		Deaths from										Deaths of				The DEATHS registered in the Week include				TEMPERATURE OF THE AIR.				RAINFALL.		CITIES AND BOROUGHES.	
		BIRTHS.	DEATHS.	Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Rever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unclassified Causes of Death.	From All Causes.	From Diseases in Cols. 6-12.	Highest.		Lowest.		Fahrenheit.		Centigrade.		In Inches.		In Centim. metres.
																			19.	20.	21.	22.	23.	24.					
																									Cols.	33 TOWNS.			
33 TOWNS	11,404,408	6490	4186	1283	840	1	33	27	95	61	84	411	144	300	880	45	191	33	678	320	49.6	9.78	1.22	3.10	23.	24.	Cols.	33 TOWNS.	
LONDON	-	4,546,752	2939	378	835	-	15	9	44	23	19	81	57	135	480	15	167	22	667	371	52.1	11.17	1.01	2.57	LONDON.	-	310	LONDON.	
WEST HAM.	-	300,241	159	94	13	-	2	-	2	-	-	23	3	5	6	1	163	50	-	-	-	-	-	-	WEST HAM.	-	287	WEST HAM.	
CROYDON	-	127,759	63	35	9	7	1	-	1	-	-	3	1	2	5	1	143	20	678	365	51.3	10.72	1.13	-	CROYDON.	-	-	CROYDON.	
BRIGHTON	-	123,226	48	42	7	16	-	2	-	-	-	4	1	2	8	1	178	25	-	-	-	-	-	-	BRIGHTON.	-	-	BRIGHTON.	
PORTSMOUTH	-	190,741	105	65	20	10	1	-	-	6	5	9	1	3	6	-	178	57	-	-	-	-	-	-	PORTSMOUTH.	-	-	PORTSMOUTH.	
PLYMOUTH	-	100,637	52	30	10	5	-	-	1	-	-	2	1	1	3	-	155	16	-	-	-	-	-	-	PLYMOUTH.	-	-	PLYMOUTH.	
BRISTOL	-	320,911	147	92	24	26	-	-	-	2	2	6	-	1	7	1	149	18	-	-	-	-	-	-	BRISTOL.	-	-	BRISTOL.	
CARDIFF	-	185,826	116	59	19	9	-	-	-	-	-	-	-	-	-	-	168	34	-	-	-	-	-	-	CARDIFF.	-	-	CARDIFF.	
SWANSEA	-	103,722	56	23	11	6	-	-	1	-	-	6	-	-	3	-	166	35	-	-	-	-	-	-	SWANSEA.	-	-	SWANSEA.	
WOLVERHAMPTON	-	88,821	54	34	12	3	-	-	-	-	-	5	5	8	3	-	200	29	-	-	-	-	-	-	WOLVERHAMPTON.	-	-	WOLVERHAMPTON.	
BIRMINGHAM	-	614,956	340	227	79	41	-	-	6	2	4	37	8	15	45	5	230	50	-	-	-	-	-	-	BIRMINGHAM.	-	-	BIRMINGHAM.	
NORWICH	-	113,268	58	29	14	6	-	-	1	1	-	4	-	1	2	-	134	32	-	-	-	-	-	-	NORWICH.	-	-	NORWICH.	
LEICESTER	-	213,351	118	75	19	17	-	-	1	3	5	1	3	4	7	12	183	32	-	-	-	-	-	-	LEICESTER.	-	-	LEICESTER.	
NOTTINGHAM	-	239,384	145	98	37	19	-	2	1	-	2	15	4	6	17	1	213	44	595	320	47.9	8.83	1.38	3.51	NOTTINGHAM.	-	-	NOTTINGHAM.	
DERBY	-	106,401	60	33	9	11	-	-	-	-	-	4	-	1	4	-	162	20	-	-	-	-	-	-	DERBY.	-	-	DERBY.	
BIRKENHEAD	-	115,162	62	40	11	3	1	1	-	-	5	-	1	3	9	-	181	32	-	-	-	-	-	-	BIRKENHEAD.	-	-	BIRKENHEAD.	
LIVERPOOL	-	634,212	497	322	103	46	-	3	4	1	7	3	38	17	22	68	265	46	-	-	-	-	-	-	LIVERPOOL.	-	-	LIVERPOOL.	
BOLTON	-	162,221	82	70	24	18	-	-	1	2	3	9	8	-	4	3	225	55	-	-	-	-	-	-	BOLTON.	-	-	BOLTON.	
MANCHESTER	-	543,002	326	262	79	45	-	1	1	2	1	4	29	10	48	3	251	36	-	-	-	-	-	-	MANCHESTER.	-	-	MANCHESTER.	
SALFORD	-	218,244	152	109	37	18	-	-	1	1	6	15	2	5	16	-	260	53	-	-	-	-	-	-	SALFORD.	-	-	SALFORD.	
OLDHAM	-	150,772	67	63	13	13	-	1	2	-	1	7	2	4	5	-	218	38	-	-	-	-	-	-	OLDHAM.	-	-	OLDHAM.	
BURNLEY	-	113,081	69	38	15	5	2	-	-	-	-	1	7	1	4	3	175	46	-	-	-	-	-	-	BURNLEY.	-	-	BURNLEY.	
BLACKBURN	-	135,154	69	38	19	5	-	-	-	-	1	8	-	-	1	1	147	35	-	-	-	-	-	-	BLACKBURN.	-	-	BLACKBURN.	
PRESTON	-	117,622	73	63	26	16	-	-	1	-	1	12	2	2	7	-	279	62	-	-	-	-	-	-	PRESTON.	-	-	PRESTON.	
HUDDESFIELD	-	103,464	45	34	15	6	-	-	-	1	2	2	1	1	2	1	171	25	-	-	-	-	-	-	HUDDESFIELD.	-	-	HUDDESFIELD.	
HALIFAX	-	97,721	37	27	7	8	-	-	-	-	2	-	-	-	1	-	144	11	-	-	-	-	-	-	HALIFAX.	-	-	HALIFAX.	
BRADFORD	-	236,241	105	57	17	7	-	2	1	-	1	9	2	6	10	1	126	29	538	348	47.9	8.83	1.49	3.78	BRADFORD.	-	-	BRADFORD.	
LEEDS	-	423,889	277	163	60	28	-	1	1	8	5	4	14	1	7	14	201	41	-	-	-	-	-	-	LEEDS.	-	-	LEEDS.	
SHEFFIELD	-	361,169	233	170	45	40	-	3	1	13	-	10	17	5	7	21	245	64	-	-	-	-	-	-	SHEFFIELD.	-	-	SHEFFIELD.	
HULL	-	234,270	163	116	40	19	1	-	1	-	3	10	2	5	17	1	258	33	600	350	48.6	9.22	1.10	2.79	HULL.	-	-	HULL.	
SUNDERLAND	-	145,613	97	69	27	15	-	-	1	1	1	8	2	3	15	-	247	47	-	-	-	-	-	-	SUNDERLAND.	-	-	SUNDERLAND.	
GATESHEAD	-	106,552	81	41	20	6	-	-	-	-	-	1	1	2	2	-	201	44	-	-	-	-	-	-	GATESHEAD.	-	-	GATESHEAD.	
NEWCASTLE	-	228,625	135	102	38	18	-	2	-	2	-	5	5	10	22	1	233	25	-	-	-	-	-	-	NEWCASTLE.	-	-	NEWCASTLE.	

\* See note \* on first page of this return



TABLE 2. LONDON.—Births and Deaths Registered in the THIRTY-NINTH Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2504	2458	2367	2469	2633	2403	2618	2316	2503	2614	2618.2	2618
Males - -	1294	1237	1233	1258	1377	1243	1378	1200	1246	1299	1343.5	1222
Females - -	1210	1221	1129	1211	1256	1160	1240	1116	1257	1315	1274.7	1196
<b>TOTAL Deaths</b>	1361	1458	1272	1245	1656	1277	1532	1264	1313	1700	1481.2	1458
Males - -	669	790	647	631	855	675	784	637	707	930	770.7	750
Females - -	692	668	625	614	801	602	748	627	606	770	710.5	708

\*The numbers in this column are the average weekly numbers in the thirty-ninth week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	July 8.	July 15.	July 22.	July 29.	Aug. 5.	Aug. 12.	Aug. 19.	Aug. 26.	Sept. 2.	Sept. 9.	Sept. 16.	Sept. 23.	Sept. 30.
<b>TOTAL Births</b>	- -	2484	2351	2444	2494	2577	2214	2671	2646	2532	2442	2675	2396
<b>TOTAL Deaths</b>	- -	1310	1387	1569	1884	2200	2068	2208	2100	1931	1934	1643	1450
<b>Ages at Death</b>													
Under 1 year - -	- -	299	367	556	805	1049	1015	1043	916	805	744	572	378
1-5 years - -	- -	184	175	201	223	237	242	242	254	265	250	187	158
5-20 " - -	- -	86	82	85	98	99	74	88	89	80	75	80	80
20-40 " - -	- -	157	171	151	161	203	163	204	229	181	215	201	174
40-60 " - -	- -	255	271	279	269	310	289	298	290	261	313	282	300
60-80 " - -	- -	270	270	254	264	238	244	262	264	265	267	269	280
80 years and upwards	- -	59	51	63	64	64	41	71	58	74	70	62	55
<b>Deaths from—</b>													
Small pox - -	- -	-	1	-	-	-	-	-	-	-	-	-	-
Measles - -	- -	50	48	46	56	60	54	48	52	34	33	17	13
Scarlet Fever - -	- -	12	4	8	5	6	8	8	7	5	5	2	8
Diphtheria - -	- -	31	37	42	35	44	26	33	29	29	24	22	42
Whooping-cough - -	- -	27	26	20	19	27	16	28	18	31	25	16	19
Typhus - -	- -	-	-	-	-	-	-	-	-	-	1	-	-
Enteric Fever - -	- -	7	6	8	13	13	12	11	16	18	11	18	19
Simple Continued Fever - -	- -	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery - -	- -	28	75	185	350	477	463	481	423	368	322	233	162
Cholera - -	- -	-	2	7	12	21	21	16	21	22	8	9	6
<b>All the above Diseases</b>	- -	155	199	316	490	648	600	625	569	507	429	317	193
<b>Dis. of Respiratory System—</b>													
Phthisis - -	- -	194	176	149	169	157	163	148	169	131	170	133	138
Dis. of Circulatory System - -	- -	139	115	116	112	145	134	151	152	140	167	133	157
Violence - -	- -	114	122	116	123	110	96	114	112	114	132	110	134
Inquest Cases - -	- -	49	67	77	82	91	72	70	60	60	65	62	71
Deaths in Public Institutions - -	- -	120	128	137	156	161	151	153	139	134	160	145	147
	- -	414	454	453	462	521	451	517	526	484	569	464	480
<b>TEMPERATURE OF THE AIR.</b>													
Mean - -	- -	62.3	66.2	70.2	64.8	67.5	63.8	66.5	66.4	63.5	65.6	57.5	51.6
Mean of Highest readings - -	- -	71.9	77.7	83.2	75.4	78.8	74.6	77.4	79.3	74.1	76.5	67.0	63.5
Mean of Lowest readings - -	- -	54.3	56.9	57.9	55.3	57.3	55.7	57.2	53.6	55.2	55.2	48.8	45.5
<b>Humidity of the Air</b>	- -	71	67	58	67	69	73	64	63	71	70	73	68
<b>Rain-fall (in inches)</b>	- -	0.13	0.09	0.06	0.97	0.09	0.02	0.00	0.00	0.29	0.54	0.27	0.36
<b>Registered Sunshine (in hours)</b>	- -	31.4	40.4	71.0	63.6	79.7	54.9	49.4	74.8	53.4	47.5	23.5	38.3
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - -	- -	-	-	-	-	1	-	-	-	-	-	-	-
Scarlet Fever - -	- -	2530	2692	2653	2667	2704	2674	2613	2548	2538	2549	2640	2758
Diphtheria - -	- -	1437	1434	1488	1545	1526	1519	1568	1512	1502	1461	1483	1474
Enteric Fever - -	- -	94	99	104	131	158	183	196	203	213	224	228	235

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak Hull.



TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-NINTH Week of the Year 1899.

[illegible]

The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such causes are classed under "accident".

TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, M. SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &c., registered SUB-DISTRICT during the Week ending Saturday, 30th September, 1899.

REGISTRATIONS SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	The DEATHS registered during the Week include										
				Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from								
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhœa.
														Violence.
LONDON -	4,411,710	2,399	1,456	378	335	-	15	9	44	23	-	19	-	81
WEST DISTRICTS	778,251	389	218	63	46	-	2	2	3	3	-	2	-	12
NORTH DISTRICTS	1,040,694	506	338	69	81	-	2	2	15	9	-	2	-	16
CENTRAL DISTRICTS	233,635	124	73	23	13	-	1	1	2	1	-	3	-	5
EAST DISTRICTS	716,334	478	280	74	59	-	1	1	5	7	-	3	-	17
SOUTH DISTRICTS	1,642,796	902	523	149	125	-	9	4	19	3	-	9	-	31
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*	-	-	24	-	11	-	-	-	-	-	-	-	-	-
WEST DISTRICTS.														
St. Mary Paddington } G. & W.	90,996	39	14	5	3	-	-	-	-	-	-	-	-	2
WHH														
St. John Paddington H - - G.	33,510	10	9	2	2	-	-	-	-	-	-	-	-	-
Kensington Town Ww - - W.	122,164	62	39	10	7	-	-	-	-	-	-	-	-	2
Brompton HH - - W. & C.	48,301	10	10	3	4	-	-	-	-	1	-	-	-	-
North Hammersmith† H } W. & G.	44,638	30	9	2	2	-	-	-	-	-	-	1	-	1
South Hammersmith† H } W. & G.	59,561	36	17	3	3	-	-	-	1	-	-	-	-	2
Fulham Ww - - W. & C.	113,781	97	49	26	8	-	2	2	-	-	-	-	8	3
Chelsea Kensal Town - - C.	21,450	8	6	2	-	-	-	-	-	1	-	-	-	-
Chelsea North WHHHH - - C.	42,057	13	11	2	2	-	-	-	-	-	-	-	-	1
Chelsea South HH - - C.	33,139	16	7	-	3	-	1	-	-	1	-	-	-	1
May Fair W - - - - G.	23,827	6	12	-	6	-	-	-	-	-	-	-	-	-
Belgrave WHHH - - - C.	56,140	28	11	3	2	-	-	-	-	-	-	1	-	2
St. John Westminster HH - - C.	31,492	15	11	3	1	-	1	-	-	-	-	-	-	2
St. Margaret Westminster H- C.	22,097	5	8	1	2	-	-	-	-	-	-	-	-	1
St. James Westminster } N. & G.	23,050	11	2	-	-	-	-	-	-	-	-	-	-	1
WH														
St. Anne Soho HHHHH - - N.	12,048	3	3	1	1	-	-	-	-	-	-	-	-	1
NORTH DISTRICTS.														
All Souls Marylebone } - - W.	36,595	12	15	1	1	-	-	-	-	1	-	-	-	1
HHHHHHHHH														2
Rectory Marylebone W } G. & W.	19,798	5	2	-	2	-	-	-	-	-	-	-	-	-
St. Mary Marylebone } G. & W.	19,637	35	3	1	-	-	-	-	1	-	-	-	-	-
HHHH														
Christchurch Marylebone H- W	32,547	14	11	3	3	-	-	-	-	-	-	-	-	1
St. John Marylebone HHH - W.	32,611	5	6	1	3	-	-	-	-	-	-	1	-	1
Hampstead } - N. & W.	75,449	28	23	5	2	-	-	4	-	-	-	-	-	1
WwHHHH														3
Regent's Park Pancras HH - W.	37,341	20	5	2	1	-	-	-	-	-	-	-	-	-
Tottenham-court } - N. & W.	26,757	6	16	2	1	-	-	-	-	-	-	2	-	2
WHHHHHH														4
Gray's Inn Lane HHHH - - N.	29,426	8	10	1	1	-	-	-	-	1	-	-	-	1
Somers Town HH - - N.	32,161	23	13	3	3	-	-	-	-	1	-	-	-	-
Camden Town WH - - N.	16,669	9	12	2	6	-	-	-	-	-	-	-	-	-
Kentish Town WW - - N.	98,410	56	31	6	8	-	-	-	-	3	-	-	-	1
Upper Holloway } - - N.	98,273	50	52	11	15	-	-	-	1	-	-	1	-	3
WWWwHHH														2
Islington South-west H - - N.	107,365	50	35	11	7	-	1	-	1	2	-	-	-	2
Islington South-east - - N.	66,549	31	9	2	4	-	-	-	1	-	-	-	-	1
Highbury HH - - - N.	64,577	28	11	2	1	-	-	-	1	-	-	1	-	-
Stoke Newington H - - - N.	33,485	13	9	2	3	-	-	-	-	-	-	-	-	2
North Hackney - - - E. & N.		19	8	-	4	-	-	-	-	-	-	-	-	1
Central Hackney ww - - E. & N.		27	20	4	1	-	1	2	7	-	-	-	-	2
South-west Hackney HHH E. & N.	213,044	37	22	7	5	-	-	-	-	-	-	-	-	3
South-east Hackney WwH E. & N.		30	25	3	10	-	-	-	-	-	-	-	-	4

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other Districts than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. & W. Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth & River; E. East London; and K. the Kent Company.

\* See note † on first page of this Return.  
† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and re-named North Hammersmith and South Hammersmith, respectively.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 30th September, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation. 1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include																	Deaths in Public Institutions	Uncertified Causes of Death.
				Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from																
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence	Inquest Cases						
CENTRAL DISTRICTS.																						
George Bloomsbury - - N.	16,110	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Giles South WH - - N.	12,976	4	5	1	2	-	-	-	-	-	-	-	-	-	-	-	2	2	-			
Giles North H - - N.	9,151	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Martin-in-the-Fields HHN. & C.	13,077	5	7	3	-	-	-	-	-	1	-	-	-	-	-	-	1	1	5			
Grand WHH - - N.	11,839	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Grand Union Workhouse, Edmonton	†1,037	-	4	1	2	-	1	-	-	-	-	-	-	1	-	-	-	4	-			
Colborn WHHHHHH - - N.	31,042	18	13	6	3	-	-	-	-	-	-	-	-	-	-	1	1	1	6			
James Clerkenwell - - N.	15,777	7	4	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-			
St. Andrew's Clerkenwell - - N.	34,356	16	6	3	2	-	-	-	-	1	-	-	-	-	-	1	1	1	-			
St. Andrew's-street - - N.	16,069	9	4	2	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-			
St. Andrew's-road HHHH - - N.	29,887	35	7	3	1	-	-	-	-	-	-	-	-	-	-	1	-	1	1			
St. Andrew's-cross-street - - N.	7,595	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Andrew's-bury - - N.	4,035	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Colborn Union Workhouse, } Mitcham - - - - - }	†892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Botolph* HH - - N. & E.	9,762	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1			
St. Botolph's-plegate - - N.	3,299	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Botolph's Sepulchre WH - - N.	9,591	12	11	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	11			
St. Botolph's Shallocks Barking - - N.	9,059	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	2	2	-			
St. Botolph's Asylum, Stone - - N.	†388	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
EAST DISTRICTS.																						
St. Andrew's South HI - - E. & N.	17,975	7	10	2	2	-	-	-	-	-	-	-	-	-	-	-	-	3	-			
St. Andrew's New Town w - - N.	29,575	15	12	2	5	-	-	-	1	-	-	-	-	-	-	1	-	1	4			
St. Andrew's Old Town - - N.	27,645	23	8	5	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-			
St. Andrew'saggerston WH - - N. & E.	47,163	35	22	6	5	-	-	-	-	-	-	-	-	-	-	2	1	2	12			
St. Andrew's Green North H - - E.	49,301	35	12	3	4	-	-	-	-	-	-	-	-	-	-	1	2	3	2			
St. Andrew's Green South - - E.	34,194	27	10	3	1	-	-	-	-	-	1	-	-	-	-	-	-	1	-			
St. Andrew's Green East WHI - - E.	45,667	32	23	-	8	-	-	-	-	1	-	-	-	-	-	-	3	13	-			
St. Andrew's Fields - - E. & N.	26,681	21	7	4	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-			
St. Andrew's End New Town† WH - - E.	51,995	24	35	4	5	-	-	-	-	1	-	-	-	-	-	1	1	2	31			
St. Andrew's Goodman's Fields† - - E.	51,995	14	6	3	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-			
St. George's North - - E.	39,576	34	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. John, St. George East W E.	7,930	9	8	3	-	-	-	-	-	-	3	-	-	-	-	-	1	2	3			
St. George's Hadwell A - - E. & N.	10,434	6	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4			
St. George's Hatcliff W - - E.	14,954	3	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-			
St. George's Limehouse - - E.	32,917	20	9	3	1	-	-	-	-	-	-	-	-	-	-	1	1	2	-			
St. George's Mile End Old Town West H E.	111,060	40	6	3	1	-	-	-	-	-	-	-	-	-	-	1	-	1	-			
St. George's Mile End Old Town East WWH E.	111,060	21	32	11	8	-	-	-	-	2	1	-	-	-	-	3	-	-	12			
St. George's Bow I - - E.	41,687	29	11	3	1	-	-	-	-	-	-	-	-	-	-	1	-	1	1			
St. George's Bromley WWHH - - E.	69,821	41	40	4	12	-	1	-	-	-	1	-	-	-	-	2	-	9	21			
St. George's Poplar WW - - E.	57,759	42	16	9	2	-	-	-	-	-	1	-	-	-	-	3	-	1	-			

\* The Sub-Districts of St. Botolph and Broad Street were united on 1st September 1899.

† Population in 1891, not included in the total population of the Central Districts or of London.

‡ Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.



SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHOEA, VIOLENCE, &c., registered in the SUB-DISTRICT during the Week ending Saturday, 30th September, 1899—continued.

		The DEATHS registered during the Week include															
REGISTRATIONS SUB-DISTRICTS		Enu- me- rated  Popu- lation,  1896.	Total BIRTHS.	Total DEATHS.	Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.
SOUTH DISTRICTS.																	
Christchurch Southwark	WHL & S.	13,064	3	2	-	13	-	-	-	-	-	-	-	-	-	-	-
St. Saviour Southwark	- - - S.	12,301	6	3	-	6	-	-	-	-	-	-	-	-	-	-	-
Kent-road	- - - S. & L.	22,879	13	6	1	1	-	-	-	-	-	-	-	-	-	-	-
Borough-road	WH - - - S. & L.	16,083	9	10	6	6	-	-	-	-	-	-	-	-	-	-	-
London-road	HL - - - L. & S.	21,316	12	6	1	13	-	-	-	-	-	-	-	-	1	-	-
Trinity Newington	- - - S. & L.	28,723	19	7	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Peter Walworth	W - - - S. & L.	62,045	48	19	8	1	-	1	-	1	-	-	-	-	1	1	3
St. Mary Newington	- - - L. & S.	30,171	21	5	-	1	-	-	-	-	-	-	1	-	-	-	1
St. Olave	WH - - - S.	11,731	12	17	2	1	-	-	-	-	-	-	1	-	-	5	6
Bermondsey	W - - - S.	85,475	61	25	10	3	-	-	-	2	-	-	-	-	3	1	3
Rotherhithe	Ww - - - S. & K.	40,379	22	17	3	5	-	-	-	-	-	-	1	-	-	-	1
Waterloo-road	HH - - - L. & S.	28,396	27	9	2	2	-	1	-	-	-	-	-	-	-	-	-
Lambeth Church 1st	H - - - L. & S.	18,770	5	10	4	-	-	-	-	-	-	-	-	-	1	2	-
Lambeth Church 2nd	WW - - - L. & S.	40,994	25	27	6	8	-	-	-	-	-	-	-	-	1	4	-
Kennington 1st	H - - - S. & L.	52,486	27	13	4	4	-	-	-	1	-	-	-	-	2	3	1
Kennington 2nd	- - - S. & L.	43,244	23	16	4	5	-	-	-	-	-	-	-	-	-	-	-
Brixton	w - - - L. & S.	81,825	32	28	7	8	-	1	-	3	1	2	-	-	-	2	-
Norwood	WH - - - L.	29,318	14	4	2	1	-	-	-	-	1	-	-	-	-	-	-
East Battersea	- - - S.	71,730	41	11	8	3	-	1	-	-	-	-	-	-	1	1	5
West Battersea	WwH - - - S. & L.	93,385	60	26	11	4	-	1	-	-	-	-	-	-	1	3	-
Clapham	H - - - S.	46,953	17	11	1	3	-	-	-	1	-	-	-	-	1	-	-
Wandswoth	WHHL - - - S.	58,101	29	10	2	4	-	-	-	-	-	-	-	-	1	-	-
Putney	- - - S.	20,566	12	4	1	1	-	-	-	-	-	-	-	-	-	1	-
Streatham	WwwwL - - - L.	61,644	31	22	6	5	-	1	-	3	-	2	-	-	1	-	1
Dulwich	- - - L. & S.	7,519	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Camberwell	Wwl - - - S. & L.	90,286	45	41	5	15	-	-	-	-	-	-	-	-	-	-	-
Peckham	WW - - - S., L., & K.	88,242	42	22	6	6	-	-	-	-	-	-	-	-	3	3	6
St. George Camberwell	- - - L. & S.	67,029	31	14	2	2	-	-	-	1	-	-	-	-	1	-	-
Deptford North	- - - K.	36,152	33	15	6	5	-	1	-	-	-	-	-	-	2	1	-
Deptford Central	w - - - K.	45,441	30	16	5	1	-	1	-	2	-	-	-	-	-	1	-
Deptford South	- - - K.	33,402	11	4	3	1	-	-	-	-	1	-	1	-	-	1	-
Greenwich West	H - - - K.	23,012	6	4	3	-	-	-	-	-	1	-	-	-	-	-	-
Greenwich East	WH - - - K.	37,767	20	26	5	9	-	-	-	-	-	-	-	-	1	1	15
Eltham	wH - - - K.	5,911	3	2	-	-	-	-	-	-	-	-	1	-	-	-	-
Lee	H - - - K.	24,222	6	4	-	3	-	1	-	-	-	-	1	-	-	-	1
Lewisham	WwH - - - K.	38,139	25	24	6	5	-	-	-	-	-	-	-	-	-	-	-
Sydenham	H - - - L.	37,601	23	4	-	4	-	-	3	5	-	-	-	-	2	-	13
Charlton	wHH - - - K.	15,928	6	7	3	1	-	-	1	1	-	-	-	-	1	-	3
Woolwich Dockyard	- - - K.	19,355	3	5	2	1	-	-	1	-	-	-	-	-	1	-	-
Woolwich Arsenal	HHHH - - - K.	21,959	9	7	3	1	-	-	-	-	-	-	-	-	-	-	-
Plumstead West	H - - - K.	16,714	6	4	1	2	-	-	-	-	-	-	-	-	1	1	-
Plumstead East	WH - - - K.	42,638	30	15	4	2	-	-	-	-	-	-	-	-	1	2	2
Banstead Asylum	- - -	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	3
Horton Asylum, Epsom	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caterham Asylum	- - -	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	2
Hase Hill Asylum	- - -	-	-	4	-	1	-	-	-	-	-	-	-	-	-	-	4
Hospital Ships and Camp, Dartford	- - -	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Darenth Asylum	- - -	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
London County Asylum, Dartford	- - -	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Heath	- - -	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Hanwell Asylum	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colney Hatch Asylum	- - -	-	-	5	-	3	-	-	-	-	-	-	-	-	-	-	5
N.E. Hospital	- - -	-	-	3	-	2	-	-	-	-	-	-	-	-	-	-	3
Winchmore Hill Hospital	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leavesden Asylum	- - -	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Olbury Asylum	- - -	-	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 30th September, 1899.

The DEATHS registered in the Week include																	
REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- merated Popu- lation, 1891.	BIRTHS.	DEATHS.	Deaths of												
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death
LONDON—OUTER RING	368,749	1,422,063	987	527	168	120	-	5	1	15	8	6	62	14	24	49	3
1 Carshalton <i>WHH</i>	12,228	26,108	14	7	1	2	-	-	-	-	-	-	-	-	-	-	-
2 Epsom, <i>part of</i> * <i>WvHH</i>	10,423	12,508	5	6	1	2	-	-	-	1	-	-	-	-	-	-	2
1 Godstone, <i>part of</i> * <i>W</i>	2,754	1,598	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 Croydon <i>WvHHH</i>	20,851	128,699	72	41	12	8	-	1	-	1	-	-	3	1	2	5	-
2 Mitcham <i>w</i>	11,697	23,072	12	9	4	3	-	-	-	-	-	-	2	1	1	-	-
1 Wimbledon <i>HHH</i>	3,220	25,777	16	12	4	3	-	-	-	-	-	1	-	-	-	2	-
2 Kingston <i>WH</i>	-	33,566	18	10	2	3	-	-	-	-	-	-	-	-	1	1	-
3 Surbiton <i>H</i>	14,672	12,173	6	4	1	2	-	-	-	-	-	-	-	-	-	-	-
4 Esher, <i>part of</i> * <i>HH</i>	-	11,080	8	6	1	3	-	-	-	-	-	-	-	-	-	-	-
5 Hampton <i>HL</i>	4,565	13,252	8	6	1	3	-	-	-	-	-	-	-	-	-	1	-
1 Richmond <i>WH</i>	2,160	25,339	10	9	2	2	-	-	-	-	-	-	-	-	-	3	-
2 Mortlake <i>H</i>	2,823	16,159	6	6	-	3	-	-	-	-	-	-	1	1	-	-	-
1 Bromley <i>HHH</i>	9,127	23,815	18	15	11	1	-	-	1	1	-	-	4	-	-	2	1
2 Beckenham <i>H</i>	6,542	21,969	13	4	1	2	-	-	-	-	-	-	-	-	-	-	-
3 Chislehurst, <i>part of</i> * <i>WHH</i>	14,307	20,372	13	8	2	2	-	-	-	1	-	-	-	-	-	-	-
1 Bexley <i>HHH</i>	12,540	30,590	19	10	3	2	-	-	-	1	2	1	-	-	-	-	-
2 Dartford <i>WH, part of</i> *	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
1 Sunbury <i>w</i>	11,054	13,671	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-
2 Staines <i>WH</i>	13,277	13,221	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-
1 Hillingdon <i>WHH</i>	6,035	12,237	5	6	2	-	-	-	-	1	-	-	-	-	-	-	1
2 Uxbridge	12,757	7,253	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
3 Hayes <i>wH</i>	7,952	11,051	6	2	1	-	-	-	-	-	-	-	1	-	-	-	-
1 Isleworth <i>WHH</i>	6,967	26,004	14	7	3	4	-	-	-	-	1	-	-	-	-	-	1
2 Twickenham <i>HH</i>	2,415	16,027	11	6	2	2	-	-	-	-	-	-	1	-	-	-	-
3 Brentford <i>HHHH</i>	4,318	37,777	26	12	3	4	-	-	-	2	-	-	-	-	-	-	-
4 Chiswick	1,245	21,963	16	6	1	2	-	-	-	-	-	-	-	1	1	-	-
5 Acton <i>wHH</i>	6,132	30,945	12	9	3	1	-	-	-	-	-	-	2	-	-	-	-
1 Harrow <i>HHH</i>	13,809	15,715	9	3	1	1	-	-	-	-	-	-	1	-	-	-	-
2 Edgware <i>HH</i>	6,994	3,844	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 Willesden <i>HHH</i>	4,383	61,265	70	24	11	6	-	1	-	-	-	-	4	1	2	-	-
4 Hendon <i>WH</i>	8,382	15,843	13	6	2	2	-	-	-	-	-	-	2	-	-	-	-
1 South Mimms <i>HH</i>	-	6,367	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
2 Barnet <i>WHH</i>	21,077	14,152	11	7	2	1	-	-	-	-	-	-	1	-	-	-	-
3 Finchley <i>HHH</i>	4,688	25,820	12	8	2	3	-	-	-	-	-	-	2	1	1	2	-
1 Hornsey <i>HH</i>	3,039	61,097	31	22	2	6	-	-	-	-	-	-	1	-	1	-	-
2 Tottenham <i>HH</i>	4,642	97,174	67	29	4	11	-	-	-	-	-	2	1	2	3	5	-
3 Edmonton <i>Wvww</i>	7,489	36,351	34	20	4	7	-	1	-	1	-	-	1	1	1	1	-
4 Enfield <i>WvHHH</i>	12,602	31,536	20	10	2	4	-	-	-	-	-	1	1	-	-	-	1
5 Waltham Abbey	11,017	6,066	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
6 Cheshunt <i>H</i>	8,480	9,620	10	3	2	-	-	-	-	-	-	-	1	-	-	-	-
1 Hatfield, <i>part of</i> * <i>W</i>	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 Bushey <i>H</i>	9,331	7,737	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2 Watford <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 Stratford <i>H</i>	-	38,612	37	18	9	4	-	-	-	-	-	-	2	2	2	1	-
2 Plaistow <i>WHHH</i>	-	53,030	50	34	15	2	-	-	-	2	-	-	10	1	2	4	-
3 Canning Town <i>H</i>	-	54,750	41	23	9	2	-	2	-	-	-	-	7	-	-	-	-
4 Forest Gate <i>w</i>	-	53,511	31	18	6	5	-	-	-	1	1	-	4	1	-	-	1
5 East Ham <i>WHH</i>	3,266	32,713	46	23	8	3	-	-	-	1	2	-	1	1	1	1	-
6 Leyton <i>WvWH</i>	4,334	70,188	54	23	7	4	-	-	-	3	-	-	4	1	1	5	-
7 Walthamstow <i>HHHHL</i>	6,501	57,330	51	25	10	2	-	-	-	-	1	-	-	1	1	1	-
1 Chigwell, <i>part of</i> * <i>HHHH</i>	11,779	12,941	6	5	2	-	-	-	-	-	-	-	1	-	-	-	-
2 Epping <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 Romford, <i>part of</i> * <i>WH</i>	6,556	4,324	-	2	-	1	-	-	-	-	-	-	-	-	-	-	1
2 Ilford	8,493	10,913	23	9	4	3	-	-	-	-	-	-	2	-	-	-	-
3 Barking Town, <i>H</i>	3,814	14,301	16	8	5	1	-	-	-	-	-	-	3	1	1	-	-
Middlesex County Asylum, Wandsworth.	-	-	-	3	-	1	-	-	-	-	-	-	-	-	-	-	3

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warlingham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in field sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (p. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 30th September, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from								
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	
GREATER LONDON	443,421	6,528,434	15·8	2·3	1983	546	455	—	20	10	59	31	25	143	71	
INNER LONDON -	74,672	4,546,752	16·7	2·2	1456	378	335	—	15	9	44	23	19	81	57	
OUTER RING -	368,749	1,981,682	13·9	2·6	527	168	120	—	5	1	15	8	6	62	14	

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.
EDINBURGH -	298,927	Sept.	30	153	18·0	-	-	-	3	-	-	-
GLASGOW -	733,903	"	30	419	18·5	-	2	4	1	3	6	6
DUBLIN -	349,594	"	30	237	33·3	-	28	-	1	2	11	11
CALCUTTA -	466,460	Aug.	26	-	26·0	-	-	-	1	-	83†	83†
BOMBAY -	821,764	Sept.	5	279	38·3	1	6	?	?	?	162†	162†
MADRAS -	452,518	Aug.	25	405	35·1	-	4	?	?	?	66	66
PARIS -	2,511,629	Sept.	23	1160	14·4	-	5	-	1*	2	21	21
BRUSSELS -	551,011	"	16	261	17·6	-	-	2	-	-	1	1
AMSTERDAM -	517,595	"	16	-	-	-	-	-	-	-	-	-
ROTTERDAM -	315,305	"	16	-	-	-	-	-	-	-	-	-
THE HAGUE -	199,285	"	16	-	-	-	-	-	-	-	-	-
COPENHAGEN -	345,000	"	23	170	18·4	-	-	3	2	1	1	1
STOCKHOLM -	291,580	"	16	156	16·0	-	-	2	3*	-	-	-
CHRISTIANIA -	221,255	"	23	-	-	-	-	-	-	-	-	-
ST. PETERSBURG	1,132,677	"	18	633	21·5	-	15	12	22	8	17	17
MOSCOW -	988,610	"	16	-	466	-	1	7	11	3	1	1
BERLIN -	1,818,517	"	9	911	22·0	-	14	14	6	10	2	2
HAMBURG -	675,351	"	23	-	238	-	-	3	2*	3	1	1
DRESDEN -	394,300	"	2	-	-	-	-	-	-	-	-	-
BRESLAU -	406,012	"	23	-	201	-	2	1	2	-	1	1
MUNICH -	445,000	"	23	-	211	-	-	-	3*	1	-	-
VIENNA -	1,623,134	"	23	-	-	-	-	-	-	-	-	-
PRAGUE -	384,622	"	23	-	-	-	-	-	-	-	-	-
BUDA-PESTH -	668,722	"	16	401	273	-	1	11	2	1	3	3
TRIESTE -	166,599	"	9	114	95	-	-	4	2*	2	1	1
ROME -	505,850	"	2	204	127	-	-	-	-	-	-	-
TURIN (11 days)	344,203	July	31	-	-	-	-	-	-	-	7§	7§
VENICE -	171,023	Sept.	16	-	-	-	-	-	-	-	-	-
CAIRO -	570,062	July	8	-	-	-	-	-	-	-	-	-
ALEXANDRIA -	319,766	"	8	-	-	-	-	-	-	-	-	-
NEW YORK (including BROOKLYN) }	3,550,053	Sept.	9	1622	1306	-	9	4	26	16	21	21
PHILADELPHIA -	1,266,832	"	9	-	-	-	-	-	-	-	-	-

\* Including deaths from croup.

† Including 30 deaths from plague in Calcutta, 96 in Bombay.

‡ Including 2 deaths from cholera.

§ Including 2 deaths from cholera.



1899.		Phases of the Moon.		TEMPERATURE.				TEMPERATURE.				TEMPERATURE.				Wind as deduced from Anemometers.				Rain collected in a gauge at the receiving surfacels Ozena.					
				Of the Air.		Of the Dew point.		Difference between the Air Temperature and Dew Point Temperature.		Degree of In- finity equals 100°.		Of Radiation.		Of the Earth 3 feet below the Surface.		Oiler's.		Pressure on the Square Foot.				Robinson's.			
MONTH AND DAY		High- est. 39° Fahr- enheit.	Low- est.	Daily Range. value.	Mean Daily Average value. 50 years.	De- parture from Average value.	Mean Daily Average value.	Great- est. Least.	Mean Daily value.	Mean of In- finity equals 100°.	Highest in Sun's Rays.	Lowest on the Grass.	Of the Earth 3 feet below the Surface.	A.M.	P.M.	Great- est. Least.	Mean of 24 hours on each Day.	Horizontal Movement of the Air on each Day.	Depar- ture from Average on each Day. 16 Years.						
SEPTEMBER.		in	°	°	°	°	°	°	°	°	°	°	°	°	WSW., W. & NW. WSW., W. & WNW. W. WSW. & S.W.	WSW., W. & NW. WSW., W. & WNW. W. WSW. & S.W.	lbs.	lbs.	Miles.	Miles.					
SUNDAY	- 24	28 777	61 9	45 3	168	518	°	°	°	°	108 9	39 6	59 51	WSW., W. & NW. WSW., W. & WNW. W. WSW. & S.W.	WSW., W. & NW. WSW., W. & WNW. W. WSW. & S.W.	60	00	0 6	417	+138	0 0				
MONDAY	- 25	28 567	66 7	54 5	122	588	°	°	°	°	112 2	48 4	59 45	WSW., W. & NW. WSW., W. & WNW. W. WSW. & S.W.	WSW., W. & NW. WSW., W. & WNW. W. WSW. & S.W.	39	00	0 5	394	+137	0 0				
TUESDAY	- 26	28 380	63 1	49 0	141	55 9	°	°	°	°	115 3	43 8	59 30	WSW., W. & NW. WSW., W. & WNW. W. WSW. & S.W.	WSW., W. & NW. WSW., W. & WNW. W. WSW. & S.W.	105	00	1 0	506	+250	0 0				
WEDNESDAY	27	28 338	60 5	46 3	142	53 7	°	°	°	°	109 1	41 1	59 16	WSW., W. & NW. WSW., W. & WNW. W. WSW. & S.W.	WSW., W. & NW. WSW., W. & WNW. W. WSW. & S.W.	36	00	0 3	352	+ 97	0 0				
THURSDAY	- 28	28 559	59 1	40 5	186	48 4	°	°	°	°	100 5	31 0	58 90	WSW., W. & NW. WSW., W. & WNW. W. WSW. & S.W.	WSW., W. & NW. WSW., W. & WNW. W. WSW. & S.W.	13	00	0 0	131	- 63	0 0				
FRIDAY	- 29	28 452	58 0	37 1	209	47 6	°	°	°	°	92 0	29 1	58 48	WSW., W. & NW. WSW., W. & WNW. W. WSW. & S.W.	WSW., W. & NW. WSW., W. & WNW. W. WSW. & S.W.	23	00	0 1	206	- 47	0 0				
SATURDAY	- 30	28 105	57 8	45 8	120	49 7	°	°	°	°	115 6	39 0	57 31	SSE, SSW. & S.W.	SSE, SSW. & S.W.	36	00	0 2	264	+ 12	0 2				
MEANS		28 467	61 0	45 5	155	521	°	°	°	°	107 7	38 9	58 98	SW.		..	..	Sum 2330	Sum +544	24	0 0				
No. of Column		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

The results apply to the civil day, or from midnight to midnight.

The results apply to the civil day, or from midnight to midnight. The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are taken at 9 A.M., noon, 3 P.M., and 8 P.M. The means of the observations are reduced to sea level by the method of Gage and Corcoran. The cylinder and wet bulb thermometers are used; the readings of the cylinder are converted to dry bulb temperatures by application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean values of the dry and wet bulb thermometers by Glaisher's Hygrostatic Tables.

The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1880, and that of horizontal movement of the air from a discussion of the anemometer records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and "lower" than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; w. n. cannot be determined.

s. strong; and v. variable. The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument. The symbols employed are:—F. positive; N. negative; W. weak; M. moderate.

The reading of the barometer increased from 29.72 in. at the beginning of the week to 30.00 in. at the end of the week. The aggregated duration of bright sunshine on each day.

## GENERAL REMARKS.

DATE.		Ex. convention. (For explanation of symbols, see Note.)	Reckoned Sun above Horizon.	
SEPTEMBER.			In hours.	In hours.
SUNDAY	- 24	w. P. generally	8 <sup>1</sup>	12 <sup>1</sup>
MONDAY	- 25	w. P. generally	4 <sup>8</sup>	12 <sup>0</sup>
TUESDAY	- 26	w. P. till 11h. A.M.; w. P. and v. N. till 4h. P.M.; w. P. after- wards.	5 <sup>8</sup>	11 <sup>9</sup>
WEDNESDAY	- 27	w. P. till 1h. P.M.; v. P. and v. N. till 3h. P.M.; w. P. after- wards.	3 <sup>3</sup>	11 <sup>9</sup>
THURSDAY	- 28	w. P. till 9h. A.M.; m. P. till 2h. P.M.; s. P. and s. N. till 7h. P.M.; m. P. afterwards.	6 <sup>5</sup>	11 <sup>8</sup>
FRIDAY	- 29	w. P. till 11h. A.M.; m. P. till 3h. P.M.; v. N. and v. P. afterwards.	0 <sup>8</sup>	11 <sup>7</sup>
SATURDAY	- 30	Loss of Register till 9h. A.M.; w. P. gene- rally afterwards; s. P. and s. N. be- tween 3h. and 4h. P.M.	3 <sup>2</sup>	11 <sup>7</sup>
No. of Col. -			Sum 32 <sup>5</sup>	Sum 89 <sup>1</sup>
-			28	29

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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,*

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No. 40. 1899. VOL. LX.] WEEK ENDING SATURDAY, OCT. 7. [Price 1½d.

*General Register Office, Somerset House,  
October 9th, 1899.*

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 18·8 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Sept. 16.	Sept. 23.	Sept. 30.	Oct. 7.		Sept. 16.	Sept. 23.	Sept. 30.	Oct. 7.
33 Great Towns	21·1	20·6	19·1	18·8	Leicester - -	19·5	16·6	18·3	17·8
Birkenhead -	17·7	25·8	18·1	18·1	Liverpool - -	30·9	27·9	26·5	24·7
Birmingham -	25·2	22·5	23·0	20·4	London - - -	18·8	18·9	16·7	17·9
Blackburn - -	20·8	21·2	14·7	19·3	Manchester - -	26·2	26·4	25·2	24·0
Bolton - - -	22·2	22·2	22·5	15·1	Newcastle-on-Tyne	24·9	27·6	23·3	24·2
Bradford - -	19·6	17·2	12·6	16·3	Norwich - - -	10·6	17·0	13·4	14·7
Brighton - -	25·8	16·1	17·8	15·2	Nottingham - -	21·8	22·7	21·3	17·4
Bristol - - -	16·9	14·9	14·9	14·6	Oldham - - -	17·3	16·3	21·8	13·8
Burnley - - -	28·1	26·3	17·5	16·6	Plymouth - - -	17·6	17·6	15·5	17·1
Cardiff - - -	16·8	16·8	16·6	16·3	Portsmouth - -	18·6	19·7	17·8	16·9
Croydon - - -	13·5	15·1	14·3	16·7	Preston - - -	31·0	23·5	27·9	22·6
Derby - - -	15·7	13·7	16·2	16·7	Salford - - -	32·5	27·2	26·0	25·3
Gateshead - -	25·9	26·4	20·1	17·1	Sheffield - - -	21·9	26·0	24·5	22·4
Halifax - - -	17·6	15·5	14·4	13·9	Sunderland - -	29·4	28·6	24·7	23·3
Huddersfield -	17·6	10·6	17·1	13·6	Swansea - - -	20·1	8·5	16·6	12·1
Hull - - - -	21·6	21·8	25·8	19·4	West Ham - - -	19·3	21·0	16·3	15·8
Leeds - - - -	18·1	21·5	20·1	19·1	Wolverhampton -	31·7	14·7	20·0	20·5

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles* 1·1 in Nottingham; from "*fever*," 1·1 in Portsmouth and in Halifax, 1·2 in Sheffield, and 1·6 in Bolton; and from *diarrhœa*, 1·6 in Portsmouth, in Liverpool, and in Bolton, 1·9 in Salford and in Blackburn, 2·0 in Hull and in Gateshead, 2·1 in Sunderland, 2·9 in Wolverhampton, and 5·8 in Preston. In none of the thirty-three towns did the death-rate from *scarlet fever* or from *whooping-cough* reach 1·0 per 1000. The 113 deaths from *diphtheria* included 55 in London, 10 in Leeds, 10 in Sheffield, 9 in Leicester, 7 in Birmingham, 4 in Brighton, and 3 in Portsmouth. No death from *small-pox* was registered in any of the thirty-three towns.

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.



## LONDON.

In LONDON\* 2540 BIRTHS and 1564 DEATHS were registered. Allowing for increase of population, the births were 108 below, and the deaths 105 above, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes which had been 18·8, 18·9, and 16·7 in the preceding three weeks, rose again last week to 17·9. During the four weeks ending on Saturday last the death-rate averaged 18·1 per 1000, being 1·5 per 1000 above the mean rate in the corresponding periods of the ten years 1889-98.

The 1564 deaths included 21 from measles, 7 from scarlet fever, 55 from diphtheria, 10 from whooping-cough, 19 from enteric fever, 53 from diarrhœa and dysentery, 2 from cholera and choleraic diarrhœa, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 167 deaths were referred to these diseases, being 30 below the corrected average weekly number.

The deaths from *measles*, which had been 17, 17, and 15 in the preceding three weeks, rose again last week to 21, and were 5 above the corrected average. The deaths from *scarlet fever*, which had been 2, 8, and 9 in the preceding three weeks, fell again last week to 7, and were 15 below the corrected average. The deaths from *diphtheria*, which had been 22, 42, and 44 in the preceding three weeks, further rose last week to 55, and were 3 above the corrected average; 6 cases belonged to St. Pancras, 5 to Lambeth, 5 to Camberwell, 3 to Newington, and 3 to Fulham sanitary areas. The deaths from *whooping-cough*, which had been 16, 19, and 23 in the preceding three weeks, fell again last week to 10, and were 9 below the corrected average. The fatal cases of *enteric fever*, which had been 18, 24, and 19 in the preceding three weeks, were again 19 last week, the corrected average being 17; 4 cases belonged to Poplar, 3 to St. Pancras, 2 to Bethnal Green, and 2 to Camberwell sanitary areas. The deaths from *diarrhœa*, which had been 233, 162, and 81 in the preceding three weeks, further fell last week to 53, and were 16 below the corrected average. Of the 53 deaths from diarrhœa, 48 were of children under 5 years of age; 41 more deaths at this age-period were described as due to *gastro-enteritis*, which appears as a separate heading in Table 4. The deaths referred to diseases of the respiratory organs, which had been 133, 138, and 156 in the preceding three weeks, further rose last week to 215, but were 3 below the corrected average. The deaths attributed directly to *influenza* numbered 5, having been 4, 4, and 6 in the preceding three weeks.

Different forms of violence caused 71 deaths, concerning all but 2 of which inquests were held. Of these 71 deaths, 7 were cases of suicide, 2 of execution, and 2 of homicide, while the remaining 60 were attributed to accident or negligence. Six of these were referred to vehicles in the streets, 6 to drowning, and 13 (of infants under one year of age), to suffocation in bed.

## CASES OF INFECTIOUS SICKNESS IN HOSPITALS.†

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3,003 cases of scarlet fever, 1,519 of diphtheria, and 275 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 461 cases, against 336, 364, and 409; of diphtheria, 245 cases, against 205, 219, and 240; and of enteric fever, 68 cases, against 42, 41, and 52.

\* Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

† The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases, the diagnosis is found after sojourn in the Hospital to have been erroneous.

DEATHS of PERSONS BELONGING to LONDON and its SANITARY AREAS,  
REGISTERED in the 13 WEEKS ENDING 30th SEPTEMBER, 1899.

SANITARY AREAS.	Total Deaths from all Causes	Deaths from Principal Zymotic Diseases.									Deaths from Phtisits.	Deaths of Infants under 1 Year of Age.	Deaths under 1 Year to 1000 Births registered.
		Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping cough.	Typhus.	Enteric Fever.	Simple and undefined Fever.	Diarrhoea.			
REGISTRATION LONDON	22,324	1	530	87	432	235	1	165	-	3,640	1,796	8,990	277
West.													
Paddington - - -	488	-	1	1	5	3	-	5	-	95	31	198	252
Kensington - - -	751	-	12	2	4	6	-	9	-	92	59	263	294
Hammersmith - - -	517	-	-	3	5	5	-	3	-	92	41	227	313
Fulham - - -	723	-	3	8	6	5	-	8	-	161	61	370	332
Chelsea - - -	422	-	3	1	3	8	-	6	-	48	33	157	274
St. George Hanover Square -	241	-	3	1	1	1	-	1	-	23	19	60	179
St. Margt & St. John West. -	290	-	6	2	4	1	-	-	-	34	40	85	354
St. James Westminster -	79	-	-	-	-	3	-	-	-	5	7	18	153
North.													
St. Marylebone - - -	625	-	6	4	2	8	-	5	-	86	68	197	195
Hampstead - - -	225	-	2	-	4	3	-	3	-	32	12	79	210
St. Pancras - - -	1,200	-	17	4	14	25	-	10	-	203	87	466	295
Islington - - -	1,574	-	30	9	47	33	-	11	-	237	121	623	256
Stoke Newington - - -	122	-	3	-	1	-	-	2	-	18	3	40	208
Hackney - - -	1,007	-	12	3	18	5	-	8	-	170	81	409	265
Central.													
St. Giles - - -	168	-	1	-	1	1	-	-	-	20	23	56	212
St. Martin-in-the-Fields -	45	-	-	-	-	-	-	-	-	3	6	8	167
Strand - - -	123	-	3	-	1	-	-	-	-	14	12	32	348
Holborn - - -	171	-	17	1	1	1	-	-	-	17	16	51	274
Clerkenwell - - -	393	-	5	5	5	4	-	3	-	55	35	153	323
St. Luke - - -	322	-	9	1	4	5	-	2	-	49	44	121	263
City of London - - -	130	-	-	-	-	1	-	1	-	6	14	20	274
East.													
Shoreditch - - -	817	-	15	4	22	13	-	8	-	182	46	374	359
Bethnal Green - - -	818	-	8	5	10	7	-	9	-	122	69	302	271
Whitechapel - - -	434	-	12	-	5	7	-	6	-	36	42	165	233
St. George-in-the-East -	374	-	10	1	2	8	1	-	-	52	32	152	329
Limehouse - - -	383	-	9	-	7	8	-	2	-	60	29	160	360
Mile End Old Town - - -	610	-	7	1	17	14	-	2	-	107	37	260	277
Poplar - - -	1,040	-	28	1	15	27	-	6	-	223	71	427	288
South.													
St. Saviour - - -	173	-	12	1	2	5	-	-	-	27	24	55	331
St. George-the-Mar.Southwk	452	-	30	-	18	2	-	-	-	89	38	176	357
Newington - - -	769	-	40	1	25	4	-	5	-	100	74	310	309
St. Olave - - -	75	-	7	1	3	-	-	1	-	3	4	22	220
Bermondsey - - -	532	-	37	1	19	4	-	3	-	70	34	219	296
Rotherhithe - - -	227	-	3	4	8	1	-	2	-	28	13	88	288
Lambeth - - -	1,598	-	67	5	41	24	-	10	-	258	131	619	269
Battersea - - -	794	-	17	3	10	7	-	9	-	105	61	341	263
Wandsworth - - -	824	-	11	1	16	9	-	3	-	155	57	362	269
Camberwell - - -	1,258	-	39	5	41	10	-	11	-	218	90	498	269
Greenwich - - -	975	-	44	4	15	13	-	5	-	177	59	411	291
Lee - - -	177	-	7	1	3	2	-	2	-	24	8	64	268
Lewisham (excluding Penge)	399	1	1	1	15	2	-	3	-	78	21	175	238
Woolwich - - -	216	-	9	-	7	5	-	1	-	33	14	73	239
Plumstead - - -	263	-	1	2	5	5	-	-	-	43	24	104	218

In the above Table all deaths of persons in, or on the way to, Hospitals and other Public Institutions, as well as those of persons under treatment in surgical homes, or dying by accident or otherwise in the streets, have been distributed, as far as practicable, to the sanitary areas in which the deceased had previously resided. The deaths of 386 London residents who died outside Registration London in the Strand Union Workhouse at Elmonton, the Holborn Union Workhouse at Mitcham, the City of London Lunatic Asylum at Stone, and the Metropolitan Hospitals and Asylums, have been similarly distributed. In 535 cases the previous residence was outside Registration London, and these have been excluded from the Table.

### GREATER LONDON.

In Greater London 3,658 births and 2,075 deaths were registered, corresponding to annual rates of 29.2 and 16.6 per 1000 of the estimated population. In the Outer Ring 5 deaths from measles, 3 from scarlet fever, 10 from diphtheria, 7 from whooping-cough, 6 from "fever," and 28 from diarrhoea were registered. Five deaths from diphtheria and 2 from "fever" occurred in West Ham district; 2 deaths from "fever" occurred in Edmonton district.



## METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·73 inches, and that of the Thermometer 49°3; the latter being 4°0 below the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 17 per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 12·2 hours; the measured rainfall amounted to 0·50 of an inch.

## RETURNS OF LONDON WATER COMPANIES.

The LONDON WATER COMPANIES have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of September, 1899. The supply was in the ratio of 251 gallons to one service.

COMPANIES.	Number of Services.		Daily Supply of Water in Gallons.	
	SEPTEMBER, 1898.	SEPTEMBER, 1899.	SEPTEMBER, 1898.	SEPTEMBER, 1899.
TOTAL SUPPLY - - -	867,371	889,916	221,831,585	223,177,857
From Thames - - - - -	416,916	426,006	126,442,013	119,759,696
From Lea and from other Sources -	450,455	463,910	95,389,572	103,418,161
THAMES.				
Chelsea - - - - -	38,049	38,500	12,673,270	12,908,580
West Middlesex - - - - -	82,990	84,650	23,504,445	22,900,670
Southwark and Vauxhall - - - - -	121,991	123,193	36,331,552	35,534,527
Grand Junction - - - - -	63,067	65,208	22,041,429	21,394,856
Lambeth - - - - -	110,819	114,457	31,891,317	27,021,063
LEA AND OTHER SOURCES.				
New River - - - - -	165,166	167,677	43,449,144	41,133,888
East London - - - - -	196,607	203,566	33,149,000	44,204,898
Kent - - - - -	88,682	92,667	18,791,428	18,079,595

*Note.*—The Return for September, 1899, as compared with that for the corresponding month of 1898 shows an increase of 22,545 services and of 1,346,272 gallons of water supplied daily.

## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING SEPTEMBER, 1899.

*Water-analysis Laboratory, The Yews, Reigate,  
6th of October, 1899.*

SIR,

By special request I am reporting to you the results which I have obtained in the chemical analysis, and in the physical and bacteriological examination of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of September.

These examinations are conducted with a view of ascertaining (a) the chemical and bacterial condition of the raw river waters at the intakes of the several Companies, (b) the bacterial condition of the water as it issues from the filter beds of each Company, and (c) the chemical condition of the water in the distributing mains.

I append, also, for the purposes of comparison, the results obtained in the chemical analysis of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill, of Birmingham, and Dr. Mills, of Glasgow.

Taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December 1876, as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies, and by the two provincial Corporations in question, was:—Kent 0·8, New River 0·9, East London (deep well), West Middlesex, Chelsea and Grand Junction 2·0, East London (river supply), Lambeth and Southwark 2·3, Glasgow 4·9, Birmingham 5·8.

The unfiltered waters contained the following proportions:—Thames at Hampton 4·1, New River Cut 1·8, and Lea at Angel Road 4·1.

The above figures show that the waters supplied by the Corporations of Glasgow and Birmingham contained more organic matter than the unfiltered waters of either the Thames or Lea, and more than twice as much as that in any of the waters actually supplied by the London Companies.

The Thames at Hampton was, on September 6th, turbid and pale yellow in colour, but it contained, for unfiltered river water, only a very moderate amount either of organic matter or bacterial life. The samples of water taken from the storage reservoirs of the Chelsea, West Middlesex and Grand Junction Companies testify, as usual, to the striking removal of bacteria during the process of sedimentation, and illustrate the importance of this means of preliminary purification. The water actually supplied by the five Companies drawing from the Thames was in every case clear and of excellent chemical quality. The high degree of efficiency attained in the filtration is displayed by the very small number of bacteria found in all the samples of the filtered water. The joint effect of the two purification processes (storage and filtration), employed by the Companies is best ascertained by comparing the number of bacteria present in the Thames water passing the intakes with that found in the water as it issues from the filter beds. Thus, out of every 100 bacteria present in the Thames water at the intakes, the following numbers were removed by the several Companies before distribution:—Chelsea 99·6, West Middlesex 99·2, Southwark 97·8, Grand Junction (general filter well



# Analysis of Metropolitan Waters.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

	COMPANIES OR LOCAL AUTHORITIES.	Date and Place of Collection.	Temperature in Centigrade degrees.	Total Solid Matters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen as Ni- trates and Nitrites.	Total Combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.		°								
	(Unfiltered water) -	{ September 6th. Grand Junction Co.'s intake at Hampton. }	20.1	25.76	.211	.031	.014	.116	.158	1.9	18.0
	Chelsea - - -	{ September 9th. Cab Rank, Horse Guards, Whitehall. }	19.7	23.26	.109	.011	0	.121	.132	1.8	15.7
	West Middlesex -	{ September 9th. Cab Rank, Riding House- street. }	18.4	22.82	.108	.011	0	.106	.117	1.8	15.7
	Southwark - -	{ September 9th. Cab Rank, St. George's Church, Borough. }	19.8	24.92	.120	.016	0	.121	.137	1.8	17.1
	Grand Junction -	{ September 9th. Cab Rank, Portman- street, Oxford-street. }	20.3	24.26	.109	.011	0	.140	.151	1.8	16.9
	Lambeth - - -	{ September 9th. Cab Rank, St. George's- road, Southwark. }	17.2	25.58	.121	.015	0	.154	.169	1.9	16.9
	LEA.										
	(Unfiltered water) -	{ September 8th. New River Cut at Green Lanes. }	17.5	34.00	.100	.009	.006	.178	.192	2.0	22.1
	New River - -	{ September 9th. Cab Rank, Tottenham Court-road. }	18.9	32.98	.045	.006	0	.159	.165	2.0	20.6
Outer Circle.	(Unfiltered water) -	{ September 8th. River Lea at Angel- road. }	20.0	32.40	.198	.042	.018	.237	.294	2.0	20.3
	East London - -	{ September 9th. Cab Rank, Sidney-street, E. }	20.7	24.42	.118	.016	0	.136	.152	1.8	17.1
	DEEP WELLS.										
	Kent - - - -	{ September 9th. Police Station, Blackheath-road. }	14.1	38.48	.042	.005	0	.462	.467	2.2	26.0
	East London - -	{ September 25th. Chingford Pumping Station. }	—	30.60	.099	.021	.018	.020	.056	2.1	15.4
	Corporation of Birming- ham* - - - -	{ September 8th. 2, Court, High-street, Harborne. }	17.8	26.00	.300	.040	0	.150	.190	2.3	11.5
	Corporation of Glasgow†	{ September 15th. Loch Katrine water. }	15.4	2.90	.258	.029	0	.002	.031	.67	1.3
	Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

\* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers contained in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus:—The Thames water collected on the 6th September at the Grand Junction Company's intake at Hampton had a temperature of 20.1° C.; 100,000 lbs. of it contained 25.76 lbs. of solid matter in solution; the organic substances, constituting a portion of this matter, contained .211 lb. of carbon and .031 lb. of nitrogen. The above quantity of water also contained .014 lb. of ammonia and .116 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was .158 lb. The above weight of water also contained 1.9 lbs. of chlorine, and 18.0 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.



CITIES AND BOROUGHES.	POPULATION estimated at the middle of the Year 1899.*	Registered during the Week ending 7th Oct. 1899.		Deaths of		Deaths from								Inquest Cases.		Unidentified Causes of Death.		From All Causes.		From Diseases in Col. 9-15.		Highest.		Lowest.		Mean.		Rainfall.		CITIES AND BOROUGHES
		1.	2.	3.	Infants under 1 Year of Age.		Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Typhoid.	Diarrhoea.	Violence.	Deaths in Public Institutions.	From All Causes.	From Diseases in Col. 9-15.	Fahrenheit.	Centigrade.	In Inches.	In Cent.	Fahrenheit.	Centigrade.	In Inches.	In Cent.				
					4.	5.																								
33 TOWNS	11,404,408	6877	4104	1121	939	45	22	113	42	80	233	151	316	877	53	18	24	61	30	43	9	0	6	15	30	19	9	0	2	33 TOWNS.
LONDON	4,546,752	2540	1564	359	389	21	7	55	10	19	53	71	148	501	11	17	19	63	49	10	0	5	37	30	19	9	0	1	27	LONDON.
WEST HAM	300,241	189	91	26	14	1	1	1	1	2	5	4	6	12	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	WEST HAM.
CROYDON	127,769	63	41	10	18	1	1	1	1	1	2	5	9	11	1	16	17	15	17	17	1	1	35	30	14	17	1	1	1	CROYDON.
BRIGHTON	123,296	61	36	7	11	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	BRIGHTON.
PORTSMOUTH	190,741	81	62	12	19	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	PORTSMOUTH.
PLYMOUTH	100,637	75	33	8	12	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	PLYMOUTH.
BRISTOL	320,911	182	90	26	21	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	BRISTOL.
CARDIFF	185,826	97	58	15	13	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	CARDIFF.
SWANSEA	103,722	47	24	6	7	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	SWANSEA.
WOLVERHAMPTON	88,821	65	35	13	4	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	WOLVERHAMPTON.
BIRMINGHAM	514,956	326	201	61	32	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	BIRMINGHAM.
NORWICH	113,266	47	32	10	7	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	NORWICH.
LEICESTER	213,851	120	73	21	13	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	LEICESTER.
NOTTINGHAM	239,384	142	80	26	22	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	NOTTINGHAM.
DERBY	106,401	64	34	11	9	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	DERBY.
BIRKENHEAD	115,162	69	40	17	9	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	BIRKENHEAD.
LIVERPOOL	634,212	422	300	81	59	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	LIVERPOOL.
BOLTON	162,221	96	47	14	7	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	BOLTON.
MANCHESTER	543,002	366	250	69	51	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	MANCHESTER.
SALFORD	218,244	161	106	36	16	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	SALFORD.
OLDHAM	150,772	68	40	9	10	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	OLDHAM.
BURNLEY	113,061	69	36	13	3	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	BURNLEY.
BLACKBURN	135,154	77	50	18	11	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	BLACKBURN.
PRESTON	117,622	68	51	26	4	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	PRESTON.
HUDDESFIELD	103,464	53	27	8	9	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	HUDDESFIELD.
HALIFAX	97,721	41	26	8	3	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	HALIFAX.
BRADFORD	236,241	105	74	19	14	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	BRADFORD.
LEEDS	423,880	279	155	44	36	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	LEEDS.
SHEFFIELD	361,169	232	155	46	33	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	SHEFFIELD.
HULL	234,270	162	87	33	19	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	HULL.
SUNDERLAND	145,613	87	65	21	14	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	SUNDERLAND.
GATESHEAD	106,562	68	35	14	5	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	GATESHEAD.
NEWCASTLE	228,625	150	106	32	15	1	1	1	1	1	2	3	3	10	1	15	17	15	17	17	1	1	35	30	14	17	1	1	1	NEWCASTLE.

\* See note \* on first page of this return



TABLE 2. LONDON.—Births and Deaths Registered in the FORTIETH Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2364	2433	2573	2441	2513	2532	2447	2844	2460	2554	2617.8	2617
Males - -	1180	1290	1329	1226	1292	1312	1228	1473	1252	1277	1352.9	1283
Females - -	1184	1143	1249	1215	1221	1220	1219	1371	1208	1277	1264.9	1334
<b>TOTAL Deaths</b>	1381	1413	1395	1344	1431	1287	1342	1276	1321	1620	1458.6	1504
Males - -	728	757	719	672	740	640	697	646	695	814	747.9	800
Females - -	653	656	676	672	741	647	645	630	629	803	710.7	704

\* The numbers in this column are the average weekly numbers in the fortieth week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	July 15.	July 22.	July 29.	Aug. 5.	Aug. 12.	Aug. 19.	Aug. 26.	Sept. 2.	Sept. 9.	Sept. 16.	Sept. 23.	Sep. 30.	Oct. 7.
<b>TOTAL Births</b>	2351	2444	2494	2577	2214	2671	2646	2532	2442	2675	2531	2399	2544
<b>TOTAL Deaths</b>	1387	1589	1884	2200	2063	2208	2100	1931	1934	1643	1619	1456	1504
<b>Ages at Death</b>													
Under 1 year - -	367	556	805	1049	1015	1043	916	805	744	572	502	379	350
1-5 years - -	175	201	223	237	242	242	254	265	250	187	188	159	171
5-20 " - -	82	85	98	99	74	88	89	80	75	80	106	80	86
20-40 " - -	171	151	161	203	163	204	229	181	215	201	204	173	213
40-60 " - -	271	279	269	310	289	288	290	261	313	282	309	330	333
60-80 " - -	270	254	264	238	244	262	264	265	267	259	269	280	310
80 years and upwards	51	63	64	64	41	71	58	74	70	62	71	55	70
<b>Deaths from—</b>													
Small pox - -	1	-	-	-	-	-	-	-	-	-	-	-	-
Measles - -	48	46	56	60	51	48	52	34	33	17	17	15	21
Scarlet Fever - -	4	8	5	6	8	8	7	5	5	2	8	9	21
Diphtheria - -	37	42	35	44	26	33	29	29	24	22	42	44	50
Whooping-cough - -	26	20	19	27	16	28	18	31	25	16	19	23	18
Typhus - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever - -	6	8	13	13	12	11	16	18	11	18	24	19	18
Simple Continued Fever - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery - -	75	185	350	477	463	481	426	368	322	243	162	81	57
Cholera - -	2	7	12	21	21	16	21	22	8	9	6	2	7
All the above Diseases - -	199	316	490	648	600	625	589	507	429	317	278	193	216
Dis. of Respiratory System - -	176	149	169	157	163	148	169	131	170	133	138	156	167
Phthisis - -	115	118	112	145	134	151	152	140	167	133	139	157	173
Dis. of Circulatory System - -	122	118	123	110	96	114	112	114	132	110	134	124	157
Violence - -	67	77	82	91	72	70	60	60	65	62	71	57	71
Inquest Cases - -	128	137	156	161	151	153	139	134	160	145	147	135	143
Deaths in Public Institutions - -	454	453	462	521	451	517	526	484	559	464	482	481	501
<b>TEMPERATURE OF THE AIR.</b>													
Mean - -	66.2	70.2	64.8	67.5	63.8	66.5	66.4	63.5	65.6	67.5	64.6	52.1	49.3
Mean of Highest readings - -	77.7	83.2	75.4	78.8	74.6	77.4	79.8	74.1	78.5	67.0	63.5	61.0	56.5
Mean of Lowest readings - -	56.9	57.9	55.3	57.3	55.7	57.2	53.6	55.2	55.2	49.8	48.2	45.5	42.8
Humidity of the Air - -	67	58	67	69	73	64	63	71	70	73	68	76	80
Rain-fall (in inches) - -	0.09	0.06	0.97	0.09	0.02	0.00	0.00	0.29	0.54	0.27	0.36	1.01	0.56
Registered Sunshine (in hours) - -	49.4	71.0	63.6	79.7	54.9	49.4	74.8	53.4	47.5	23.5	38.3	32.5	12.7
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - -	-	-	-	1	-	-	-	-	-	-	-	-	-
Scarlet Fever - -	2602	2653	2667	2704	2674	2613	2548	2538	2549	2640	2758	2346	3000
Diphtheria - -	1434	1488	1545	1526	1519	1508	1512	1502	1464	1486	1474	1387	1511
Enteric Fever - -	99	104	131	158	183	196	203	213	224	228	235	252	271

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.O., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrothesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak Hull.

## ES OF DEATH

numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5'213 per cent. for increase of population.

Those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the death is not certified by a registered practitioner, the case is returned under the heading "no statement." In the absence of evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of homicide, murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &amp;c., registered in SUB-DISTRICT during the Week ending Saturday, 7th October, 1899.

The DEATHS registered during the Week include																			
REGISTRATION SUB-DISTRICTS.	Enu- me- rated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from												Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Fever.	Diarrhoea.	Violence.				
LONDON -	4,411,710	2,540	1,564	359	389	-	21	7	55	10	-	19	-	53	71	148	501		
WEST DISTRICTS	778,251	398	242	53	73	-	1	1	3	-	-	2	-	8	11	17	84		
NORTH DISTRICTS	1,040,694	570	341	80	83	-	3	1	13	4	-	6	-	8	20	35	109		
CENTRAL DISTRICTS	233,635	138	83	19	25	-	-	-	3	1	-	1	-	-	7	15	37		
EAST DISTRICTS	716,334	472	291	85	66	-	7	-	4	4	-	1	-	10	14	45	93		
SOUTH DISTRICTS	1,642,796	962	579	122	130	-	10	5	32	1	-	9	-	27	19	36	150		
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON *	-	-	28	-	12	-	-	-	-	-	-	-	-	-	-	-	28		
WEST DISTRICTS.																			
St. Mary Paddington } G. & W.	90,996	63	24	6	7	-	-	-	-	-	-	-	-	-	2	2	4		
WHH																			
St. John Paddington H - - G.	33,510	5	5	-	3	-	-	-	-	-	-	-	-	-	-	-	1		
Kensington Town Ww - - W.	122,164	65	55	8	17	-	-	1	-	-	-	-	-	-	2	4	19		
Brompton HH - - W & C.	48,301	13	9	-	5	-	-	-	-	-	-	-	-	-	1	1	3		
North Hammersmith† H } W. & G.	44,638	31	15	4	4	-	-	-	-	-	-	-	-	1	1	1	-		
South Hammersmith† H }	59,561	23	21	7	7	-	-	-	-	-	-	-	-	2	2	3	8		
Fulham Ww - - W. & C.	113,781	91	35	15	6	-	-	-	3	-	-	-	-	1	1	3	15		
Chelsea Kensal Town - - C.	21,450	14	6	2	1	-	-	-	-	-	-	-	-	1	-	-	-		
Chelsea North WHHHH - C.	42,057	15	13	1	4	-	-	-	-	-	-	-	-	1	-	-	11		
Chelsea South HE - - C.	33,139	21	7	2	3	-	1	-	-	-	-	-	-	-	-	-	-		
May Fair W - - - G.	23,827	4	8	-	4	-	-	-	-	-	-	-	-	1	-	-	6		
Belgrave WHHH - - C.	56,140	21	26	3	7	-	-	-	-	-	-	2	-	-	2	2	13		
St. John Westminster HH - C.	31,492	23	9	3	2	-	-	-	-	-	-	-	-	1	-	-	-		
St. Margaret Westminster H- C.	22,097	3	3	-	2	-	-	-	-	-	-	-	-	-	-	-	3		
St. James Westminster } N. & G.	23,050	4	3	1	-	-	-	-	-	-	-	-	-	-	-	1	1		
WH																			
St. Anne Soho HHHHH - N.	12,048	2	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
NORTH DISTRICTS.																			
All Souls Marylebone } - - W.	36,595	14	16	1	1	-	-	-	1	-	-	1	-	-	-	1	9		
HHHHHHHHH																			
Rectory Marylebone W - G. & W.	19,798	7	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Mary Marylebone } G. & W.	19,637	24	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HHHH																			
Christchurch Marylebone H - W	32,547	9	9	4	1	-	-	-	-	1	-	-	-	-	1	1	-		
St. John Marylebone HHH - W.	32,611	17	10	3	2	-	1	-	-	-	-	-	-	-	1	1	-		
Hampstead } - N. & W.	75,449	36	21	3	7	-	-	-	4	-	-	1	-	1	-	-	5		
WwHHHH																			
Regent's Park Pancras HH - W.	37,341	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Tottenham-court } - N. & W.	26,757	7	21	2	5	-	-	-	-	-	-	-	-	-	2	2	11		
wHHHHHH																			
Gray's Inn Lane HHHH - N.	29,426	28	16	5	4	-	-	-	-	-	-	-	-	-	4	6	4		
Somers Town HH - - N.	32,161	23	7	3	1	-	-	-	-	-	-	-	-	-	-	2	-		
Camden Town WH - - N.	16,669	18	12	3	4	-	-	-	-	-	-	1	-	-	1	3	9		
Kentish Town WW - - N.	98,410	57	40	5	14	-	1	-	2	2	-	-	-	-	-	-	12		
Upper Holloway } - - N.	98,273	56	49	13	9	-	1	-	-	1	-	-	-	2	3	6	29		
WwwwWHH																			
Islington South-west H - N.	107,365	73	25	10	4	-	-	-	-	-	-	-	-	-	1	3	-		
Islington South-east - - N.	66,549	29	9	3	1	-	-	-	-	-	-	-	-	-	1	1	-		
Highbury HH - - N.	64,577	32	11	4	4	-	-	-	-	-	-	-	-	-	2	-	-		
Stoke Newington H - - N.	33,485	13	13	3	6	-	-	-	-	-	1	-	-	-	-	-	-		
North Hackney - - E. & N.		18	10	2	4	-	-	-	-	-	-	-	-	-	-	2	-		
Central Hackney ww - E. & N.		36	14	3	2	-	-	-	6	-	-	1	-	-	-	-	8		
South-west Hackney HHH E. & N.	213,044	30	19	1	2	-	-	-	-	-	-	1	-	-	3	3	5		
South-east Hackney WwH E. & N.		24	35	12	11	-	-	1	-	-	-	-	-	2	3	4	15		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there, namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. signifying Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. N. River; E. East London; and K. the Kent Company.

\* See note \* on second page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and were re-named North Hammersmith and South Hammersmith, respectively.



LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, RUBEOLA, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each DISTRICT during the Week ending Saturday, 7th October, 1899—continued.

REGISTRATION SUB-DISTRICTS		Enu- merated Popu- lation 1896.	Total BIRTHS.	The DEATHS registered during the Week include															Deaths in Public Institutions	Uncertified Causes of Death
				Total DEATHS	Deaths of		Deaths from													
					Infants under 1 Year of Age.	Persons aged 1 Year and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.			
CENTRAL DISTRICTS.																				
St. Pancras - - - N.		16,110	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-			
St. Andrew - - - N.		12,976	24	7	1	3	-	-	-	-	-	-	-	-	-	1	2			
St. Mary - - - N.		9,151	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Giles - - - N.		13,077	8	9	1	2	-	-	-	-	-	-	-	-	-	1	7			
St. Martin - - - N.		11,839	-	8	-	5	-	-	-	-	-	-	-	-	-	1	4			
St. James - - - N.		11,037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5			
St. John - - - N.		31,042	10	14	8	2	-	-	-	2	-	-	-	-	-	1	8			
St. Peter - - - N.		15,777	10	2	1	1	-	-	-	-	-	-	-	-	-	1	-			
St. George - - - N.		34,356	24	7	2	1	-	-	-	-	-	-	-	-	-	1	-			
St. Andrew - - - N.		18,069	18	9	2	2	-	-	-	1	-	-	-	-	-	1	-			
St. Mary - - - N.		29,897	22	6	3	1	-	-	-	-	1	-	-	-	-	1	-			
St. John - - - N.		7,595	3	1	1	1	-	-	-	-	-	-	-	-	-	1	-			
St. George - - - N.		4,035	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-			
St. James - - - N.		1,892	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1			
St. Andrew - - - N. & E.		9,762	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-			
St. Mary - - - N.		3,299	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-			
St. John - - - N.		5,591	4	13	-	3	-	-	-	-	-	-	-	-	-	1	12			
St. George - - - N.		9,059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1			
St. James - - - N.		1,388	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-			
EAST DISTRICTS.																				
St. Andrew - - - E. & N.		17,975	9	7	2	2	-	-	-	-	-	-	-	-	1	-	1			
St. Mary - - - N.		29,575	15	17	3	3	-	-	-	1	-	-	-	-	2	-	4			
St. John - - - N.		27,645	11	4	1	1	-	-	-	-	-	-	-	-	-	-	-			
St. George - - - N. & E.		47,163	20	26	6	7	-	-	-	-	-	-	-	-	1	3	8			
St. Andrew - - - E.		49,301	31	14	9	2	-	-	-	1	1	-	-	-	-	-	-			
St. Mary - - - E.		34,194	31	7	3	1	-	-	-	-	-	-	-	-	-	-	-			
St. John - - - E.		45,667	15	27	-	8	-	1	-	-	1	-	-	-	-	-	21			
St. George - - - E. & N.		26,681	19	8	2	4	-	2	-	-	-	-	-	-	-	-	-			
St. Andrew - - - E.		51,995	14	26	6	3	-	-	-	1	1	-	-	-	1	2	23			
St. Mary - - - E.		51,995	9	5	3	-	-	-	-	-	-	-	-	-	1	2	-			
St. John - - - E.		39,576	39	12	2	3	-	2	-	-	-	-	-	-	-	-	-			
St. George - - - E.		7,930	5	15	5	3	-	1	-	-	-	-	-	-	1	5	10			
St. Andrew - - - E. & N.		10,434	5	7	1	-	-	-	-	-	-	-	-	-	-	-	4			
St. Mary - - - E.		14,954	7	3	2	-	-	-	-	-	-	-	-	-	-	-	-			
St. John - - - E.		32,917	26	12	5	2	-	-	-	-	-	-	-	-	-	1	-			
St. George - - - E.		111,060	43	12	5	4	-	-	-	-	-	-	-	-	1	3	-			
St. Andrew - - - E.		111,060	49	27	9	9	-	-	-	-	-	-	-	-	2	4	9			
St. Mary - - - E.		41,687	29	15	5	6	-	-	-	-	-	1	-	-	-	1	1			
St. John - - - E.		69,821	50	30	10	6	-	1	-	1	-	-	-	-	2	3	12			
St. George - - - E.		57,759	45	17	6	2	-	-	-	-	1	-	-	-	2	2	-			

\* The Sub-Districts of St. Botolph and Broad Street were united on 1st September 1899.

† Population in 1891, not included in the total population of the Central Districts or of London.

St. Andrew Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.



6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE, HOSPITALS, and ASYLUMS).—AREA ; POPULATION ; BIRTHS and DEATHS registered during the Week ending Saturday, 7th October, 1899.

REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
					Deaths of Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Deaths from										
							Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarthoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death
LONDON—OUTER RING	368,749	1,422,063	1,118	511	140	142	-	5	3	10	7	6	28	30	42	77	2
Carshalton <i>WHH</i>	12,228	26,108	20	4	-	2	-	-	-	-	-	1	-	-	-	1	-
Epsom, <i>part of</i> <i>WwHH</i>	10,423	12,508	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Godstone, <i>part of</i> <i>W</i>	2,754	1,598	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Croydon <i>WwHHH</i>	20,851	128,699	75	50	11	22	1	-	-	-	-	-	2	5	9	16	-
Mitcham <i>w</i>	11,697	23,072	16	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Wimbledon <i>HHH</i>	3,220	25,777	18	9	2	5	-	-	-	-	-	-	-	1	2	1	-
Kingston <i>WH</i>	-	33,566	22	8	1	3	-	-	-	-	-	-	-	-	-	-	-
Surbiton <i>H-</i>	14,672	12,178	5	3	1	1	-	-	-	-	-	-	-	-	-	-	-
Esher, <i>part of</i> <i>HH</i>	-	11,080	4	3	1	1	-	-	-	-	-	-	-	1	1	-	-
Hampton <i>HL</i>	4,565	18,252	11	7	3	1	1	-	-	-	-	-	1	-	-	-	-
Richmond <i>WH</i>	2,160	25,389	5	14	8	2	-	1	-	-	-	-	2	-	-	1	-
Mortlake <i>H</i>	2,823	16,159	15	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Bromley <i>HHH</i>	9,127	23,815	19	11	6	2	-	-	-	1	-	-	-	-	-	1	-
Beckenham <i>H-</i>	6,542	21,969	7	3	1	1	-	-	-	-	-	-	-	-	-	-	-
Chislehurst, <i>part of</i> <i>WHH</i>	14,307	20,372	10	12	2	9	-	-	-	-	-	-	1	-	-	5	-
Bexley <i>HHH</i>	12,540	30,590	33	7	1	3	-	-	-	-	-	-	1	-	-	-	-
Dartford <i>WH, part of</i> <i>*</i>	-	-	3	3	1	1	-	-	-	1	-	-	1	-	-	3	-
Sunbury <i>w</i>	11,054	13,671	10	4	1	1	-	-	-	-	-	-	-	-	-	-	-
Staines <i>WH</i>	13,277	13,221	11	9	-	6	-	-	-	-	-	-	-	1	1	4	-
Hillingdon <i>WHH</i>	-	6,035	12,237	16	9	2	1	-	-	-	-	-	-	2	-	3	-
Uxbridge	12,757	7,253	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Hayes <i>WH</i>	7,952	11,051	5	3	1	-	-	-	-	-	-	-	-	1	1	-	-
Isleworth <i>WHH</i>	6,967	26,004	14	23	4	10	-	-	-	-	-	-	-	2	3	14	-
Twickenham <i>HH</i>	2,415	16,027	7	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Brentford <i>HHHH</i>	4,318	37,777	14	11	3	3	-	-	-	-	-	-	-	1	3	2	-
Chiswick	1,245	21,963	20	5	1	4	-	-	-	-	-	-	-	-	-	-	-
Acton <i>WHH</i>	6,132	30,945	20	9	4	2	-	-	-	1	-	-	4	-	-	-	-
Harrow <i>HHH</i>	13,809	15,715	16	6	-	1	-	-	-	1	-	-	-	-	-	-	-
Edgware <i>HH</i>	6,994	3,844	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Willesden <i>HHH</i>	4,383	61,265	66	20	5	2	-	-	1	-	1	-	2	-	1	1	1
Hendon <i>WH</i>	8,382	15,843	11	5	1	2	-	-	-	-	-	-	1	1	1	1	-
South Mimms <i>HH</i>	-	6,367	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Barnet <i>WHH</i>	21,077	14,152	11	2	-	2	-	-	-	-	-	-	-	-	-	-	-
Finchley <i>HHH</i>	4,688	25,320	12	5	-	1	-	-	-	-	-	-	-	1	1	-	-
Hornsey <i>HH</i>	3,039	61,097	43	13	3	5	-	-	-	-	1	-	-	-	-	-	-
Tottenham <i>HH</i>	4,642	97,174	62	24	7	8	-	-	-	1	-	-	-	1	1	2	-
Edmonton <i>Www</i>	7,489	36,351	33	17	6	5	-	-	-	-	-	-	2	2	3	1	-
Enfield <i>WVHH</i>	12,602	31,536	21	19	5	6	-	1	1	-	-	1	-	1	1	2	-
Waltham Abbey	11,017	6,066	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Cheshunt <i>H</i>	8,480	9,620	10	1	-	-	-	-	-	-	-	1	-	-	-	-	-
Hatfield, <i>part of</i> <i>W</i>	3,306	582	-	1	-	1	-	-	-	-	-	-	-	-	1	-	-
Bushey <i>H</i>	9,331	7,737	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Watford <i>WH, part of</i> <i>*</i>	-	-	1	1	-	1	-	-	-	-	-	-	-	-	-	1	-
Stratford <i>H</i>	-	38,612	38	18	7	2	-	-	-	-	-	2	-	2	2	1	-
Plaistow <i>WHHH</i>	-	59,030	68	32	13	4	-	1	-	1	1	-	1	-	-	3	1
Canning Town <i>H</i>	4,706	54,750	53	20	4	1	-	-	-	-	-	-	3	2	3	-	-
Forest Gate <i>w</i>	-	53,511	30	13	2	6	-	-	-	-	-	-	1	-	1	-	-
East Ham <i>WHH</i>	3,266	32,713	57	27	9	3	-	-	-	3	3	-	3	-	-	-	-
Leyton <i>WVWwH</i>	4,334	70,188	62	32	9	5	-	-	-	-	-	-	-	1	1	11	-
Walthamstow <i>HHHHL</i>	6,501	57,330	68	20	9	-	1	1	1	1	1	-	1	-	-	-	-
Chigwell, <i>part of</i> <i>HHHH</i>	11,779	12,941	11	2	1	-	-	-	-	-	-	-	-	1	1	-	-
Epping <i>WH, part of</i> <i>*</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Romford, <i>part of</i> <i>WH</i>	6,556	4,324	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Ilford	8,493	10,913	23	5	3	1	-	-	-	-	-	1	-	1	1	1	-
Barking Town, <i>H</i>	3,814	14,301	14	6	1	1	-	-	-	-	-	-	2	3	3	-	-
Middlesex County Asylum, Wandsworth.	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	2	-

parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warlingham and Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford and 187: 2, Epping sub-districts



TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS AND RATE OF MORTALITY during the week ending Saturday, 7th October, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE OF MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include									
			From All Causes.	From Diseases in Cols. 3-14.		Deaths of		Deaths from							
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10	11.	12.	13.	14	
GREATER LONDON	443,421	6,528,434	16·6	1·8	2075	499	531	-	26	10	65	17	25	81	
INNER LONDON -	74,672	4,546,752	17·9	1·9	1564	359	389	-	21	7	55	10	19	53	
OUTER RING -	368,749	1,981,682	13·4	1·6	511	140	142	-	5	3	10	7	6	28	

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOLOGICAL DISEASES.					
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.
EDINBURGH -	298,927	Oct. 7	163	107	18·7	-	-	2	-	-	-
GLASGOW -	733,903	" 7	487	248	17·6	-	9	5	4	2	1
DUBLIN -	349,594	" 7	190	196	29·2	-	32	-	-	2	-
CALCUTTA -	466,460	Sept. 2	-	219	24·4	-	-	-	1	1	7
BOMBAY -	821,764	" 12	184	631	39·9	10	4	?	?	?	15
MADRAS -	452,518	" 1	385	327	37·5	-	7	?	?	?	7
PARIS -	2,511,629	" 30	1144	759	15·7	-	4	1	2*	4	2
BRUSSELS -	551,011	" 30	251	162	15·0	-	-	2	-	1	-
AMSTERDAM -	517,595	" 23	299	142	14·3	-	-	-	3	4	-
ROTTERDAM -	315,305	" 23	213	97	15·9	-	-	-	1	-	-
THE HAGUE -	199,285	" 23	125	73	19·1	-	-	-	-	3	-
COPENHAGEN -	345,000	" 30	234	98	14·8	-	-	-	3	1	-
STOCKHOLM -	291,580	" 23	158	97	17·3	-	-	3	3*	1	-
CHRISTIANIA -	221,255	" 23	114	68	16·0	-	-	-	-	-	-
ST. PETERSBURG	1,132,677	" 23	511	457	21·0	1	13	6	22	9	19
MOSCOW -	988,610	" 23	-	440	23·2	2	2	7	2	1	-
BERLIN -	1,818,517	" 16	877	674	19·3	-	8	9	7	13	-
HAMBURG -	675,351	" 30	-	179	13·8	-	-	-	2*	1	-
DRESDEN -	394,300	" 2	-	-	-	-	-	-	-	-	-
BRESLAU -	406,012	" 30	-	-	-	-	-	-	-	-	-
MUNICH -	445,000	" 30	-	197	23·0	-	-	-	1*	1	-
VIENNA -	1,623,134	" 23	904	517	16·6	-	1	5	6*	3	-
PRAGUE -	384,622	" 23	193	146	19·7	-	-	4	1	5	1
BUDA-PESTH -	666,722	" 23	455	200	15·6	-	1	13	2	2	-
TRIESTE -	166,599	" 16	-	-	-	-	-	-	-	-	-
ROME -	505,850	" 9	202	148	15·3	-	-	-	-	-	13
TURIN (10 days)	344,203	Aug. 10	197	143	15·7	-	1	-	1	2	6
VENICE -	171,023	Sept. 23	59	46	14·0	-	-	-	2*	-	-
CAIRO -	570,062	July 8	416	473	43·1	4	39	-	1*	-	43
ALEXANDRIA -	319,766	" 8	222	197	32·0	-	-	-	1*	1	7
NEW YORK (including BROOKLYN)	3,550,053	Sept. 16	-	-	-	-	-	-	-	-	-
PHILADELPHIA -	1,266,832	" 9	-	-	-	-	-	-	-	-	-

\* Including deaths from croup.

† Including 35 deaths from plague in Calcutta, 87 in Bombay, and 3 in Alexandria.

‡ Including 3 deaths from cholera in Calcutta and 1 in Madras.

§ Including 1 death from malarial fever.

1899.		MONTH AND DAY		MEAN.		OF THE AIR.		OF THE DEW POINT.		DIFFERENCE BETWEEN THE AIR TEMPERATURE AND DEW POINT TEMPERATURE.		DEGREES OF FLUIDITY (SATURATION POINTS 100).		OF RADIATION		OSLER'S.		PRESSURE ON THE SQUARE FOOT.		ROBINSON'S.		RAIN COLLECTED.			
Phases of the Moon.	Mean daily reading (corrected to 32° Fahrenheit).	High-est.	Low-est.	Daily Range.	Mean daily value.	De-parture from Average value, 50 years.	Mean daily value.	Great-est.	Least.	Mean daily value.	Of the Air.	Of the Earth.	Highest on the Sun's Rays.	Lowest on the Grass.	Of the Surface.	General Direction.	P.M.	Great-est.	Least.	Mean of 14 hourly obs.	Horizontal Movement of the Air on each Day.	Depar-ture from Average of the Air on each 16 Days.	Receiving surfacials in inches above the Ground.		
OCTOBER.																									
SUNDAY	-	1	630	434	196	521	0	20	489	32	56	10	89	861	370	5751	SSE, E. & SSW.	57	00	05	333	+ 82	in. 13		
MONDAY	-	2	526	442	84	485	0	53	454	31	60	24	89	771	383	5713	SSW, SW. & WSW.	70	00	07	407	+ 157	004		
TUESDAY	-	3	630	426	204	535	0	451	84	165	24	73	1133	366	5707	WSW. & SSW.	125	00	11	517	+ 269	000			
WEDNESDAY	-	4	576	483	93	501	0	31	499	02	46	00	99	481	5675	SW. & ENE. & SSW.	46	00	02	265	+ 18	031			
THURSDAY	-	5	524	449	75	489	0	41	435	54	74	11	82	371	5682	NNE. & NNE. & NNE.	19	00	01	237	- 8	004			
FRIDAY	-	6	531	421	110	481	0	46	441	40	66	15	86	790	5650	NNE. & E. & ENE.	09	00	00	132	- 92	000			
SATURDAY	-	7	548	325	223	436	0	89	392	44	122	00	84	953	5621	NNE. & SE. & variable.	10	00	00	112	- 131	000			
MEANS	-		566	426	141	493	0	40	452	41	84	12	86	815	367	5683	SW. & NE.	..	..	..	Sum 2023	+ 265	Sum 050		
No. of Column	-	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

The results apply to the civil day, or from midnight to midnight.  
 The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.  
 Observations are usually taken at 9 A.M.; noon; 3 P.M. and 9 P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1880, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875. In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average.  
 The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.  
 The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: - P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.  
 The numbers in column 23, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.  
 The reading of the barometer decreased from 29.34 in. at the beginning of the week to 28.99 in. by 4 P.M. on the 1st; increased to 29.90 in. by 3 P.M. on the 3rd; decreased to 29.62 in. by 5 P.M. on the 4th; increased to 30.03 in. by 3 P.M. on the 6th; decreased to 29.97 in. by 3 P.M. on the same day; and increased to 30.18 in. by the end of the week.

GENERAL REMARKS.		Sun above Horizon, in hours.		Registered Sunshine in hours.		ELECTRICITY.		Sun above Horizon, in hours.		Registered Sunshine in hours.		Sum	
DATE.	REMARKS.	11-6	11-6	0-3	0-0	w. P. generally; occasional m. N.	w. P. generally; w. N. and m. P. between 4h. and 5h. A.M.	11-5	11-4	0-0	0-0	5-4	Sum 798
OCTOBER.													
SUNDAY - 1	Cloudy; frequent rain. Lightning in evening.												
MONDAY - 2	Overcast, with frequent slight rain till evening; very fine afterwards.												
TUESDAY - 3	Fine till afternoon; cloudy afterwards. Windy.												
WEDNESDAY - 4	Overcast; frequent rain.												
THURSDAY - 5	Overcast, with frequent slight showers till evening; very fine at night.												
FRIDAY - 6	Fine in morning; overcast, with occasional slight showers till evening; fine and partially cloudy at night.												
SATURDAY - 7	Cloudless, with dense fog and slight hoar frost in morning; very fine afterwards, with fog of variable density at night.												
No. of Col. -		28	29	28	29	28	29	28	29	28	29	28	29

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1899.



# WEEKLY RETURN

## OF

### BIRTHS AND DEATHS IN LONDON

#### AND IN

### THIRTY-TWO OTHER GREAT TOWNS

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October 16th, 1899.

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 18·7 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Sept. 23.	Sept. 30.	Oct. 7.	Oct. 14.		Sept. 23.	Sept. 30.	Oct. 7.	Oct. 14.
33 Great Towns	20·6	19·1	18·8	18·7	Leicester - -	16·6	18·3	17·8	12·4
Birkenhead -	25·8	18·1	18·1	13·6	Liverpool - -	27·9	26·5	24·7	25·5
Birmingham -	22·5	23·0	20·4	17·2	London - - -	18·9	16·7	17·9	18·8
Blackburn -	21·2	14·7	19·3	20·1	Manchester - -	26·4	25·2	24·0	21·9
Bolton - - -	22·2	22·5	15·1	19·9	Newcastle-on-Tyne	27·6	23·3	24·2	16·6
Bradford - -	17·2	12·6	16·3	18·1	Norwich - - -	17·0	13·4	14·7	11·5
Brighton - -	16·1	17·8	15·2	18·2	Nottingham - -	22·7	21·3	17·4	20·5
Bristol - - -	14·9	14·9	14·6	18·4	Oldham - - -	16·3	21·8	13·8	19·7
Burnley - - -	26·3	17·5	16·6	20·8	Plymouth - - -	17·6	15·5	17·1	20·2
Cardiff - - -	16·8	16·6	16·3	15·2	Portsmouth - -	19·7	17·8	16·9	16·7
Croydon - - -	15·1	14·3	16·7	15·5	Preston - - -	23·5	27·9	22·6	19·9
Derby - - -	13·7	16·2	16·7	13·2	Salford - - -	27·2	26·0	25·3	21·3
Gateshead - -	26·4	20·1	17·1	18·1	Sheffield - - -	26·0	24·5	22·4	19·6
Halifax - - -	15·5	14·4	13·9	12·8	Sunderland - -	28·6	24·7	23·3	20·1
Huddersfield -	10·6	17·1	13·6	17·1	Swansea - - -	8·5	16·6	12·1	15·1
Hull - - - -	21·8	25·8	19·4	20·9	West Ham - - -	21·0	16·3	15·8	13·5
Leeds - - - -	21·5	20·1	19·1	16·0	Wolverhampton -	14·7	20·0	20·5	20·5

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·1 in Hull and 1·4 in Birkenhead; from "*fever*," 1·1 in Nottingham and in Sunderland, and 1·3 in Bolton; and from *diarrhoea*, 1·0 in Sheffield, 1·1 in Liverpool, 1·2 in Salford, 1·4 in Cardiff and in Burnley, 1·5 in Gateshead, 1·6 in Bolton, and 2·7 in Preston. In none of the thirty-three towns did the death-rate from *scarlet fever* or from *whooping-cough* reach 1·0 per 1000. The 101 deaths from *diphtheria* included 57 in London, 10 in Sheffield, 6 in Leeds, 4 in Portsmouth, 4 in Liverpool, and 3 in West Ham. Four deaths from *small-pox* were registered in Hull, but not one in any other of the thirty-three towns.

#### LONDON.

In LONDON† 2549 BIRTHS and 1638 DEATHS were registered. Allowing for increase of population, the births were 84 below, and the deaths 158 above, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes which had been

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

18·9, 16·7, and 17·9 in the preceding three weeks, further rose last week to 18·8. During the four weeks ending on Saturday last the death-rate averaged 18·1 per 1000, being 1·3 per 1000 above the mean rate in the corresponding periods of the ten years 1889-98.

The 1638 deaths included 20 from measles, 9 from scarlet fever, 57 from diphtheria, 10 from whooping-cough, 21 from enteric fever, 49 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 166 deaths were referred to these diseases, being 23 below the corrected average weekly number.

The deaths from *measles*, which had been 17, 15, and 21 in the preceding three weeks, were 20 last week, the corrected average being 23; 3 cases belonged to Shoreditch and 3 to Bermondsey sanitary areas. The deaths from *scarlet fever*, which had been 8, 9, and 7 in the preceding three weeks, were 9 last week, the corrected average being 20; 2 cases belonged to Fulham, 2 to St. Pancras, and 2 to Islington sanitary areas. The deaths from *diphtheria*, which had been 42, 44, and 55 in the preceding three weeks, further rose last week to 57, and were 7 above the corrected average; 6 cases belonged to Poplar, 5 to Greenwich, 4 to Islington, 4 to Lambeth, 4 to Lewisham, 3 to Kensington, 3 to Fulham, and 3 to Mile End Old Town sanitary areas. The deaths from *whooping-cough*, which had been 19, 23, and 10 in the preceding three weeks, were again 10 last week, the corrected average being 19. The fatal cases of *enteric fever*, which had been 24, 19, and 19 in the preceding three weeks, rose again last week to 21, the corrected average being 20; 3 cases belonged to Clerkenwell, 2 to Kensington, 2 to Shoreditch, 2 to Lambeth, and 2 to Battersea sanitary areas. The deaths from *diarrhœa*, which had been 162, 81, and 53 in the preceding three weeks, further fell last week to 49, and were 6 below the corrected average. Of the 49 deaths from diarrhœa, 41 were of children under 5 years of age; 28 more deaths at this age-period were described as due to *gastro-enteritis*, which appears as a separate heading in Table 4. The deaths referred to diseases of the respiratory organs, which had been 138, 156, and 215 in the preceding three weeks, further rose last week to 275, and were 29 above the corrected average. The deaths attributed directly to *influenza* numbered 13, having been 4, 6, and 5 in the preceding three weeks.

Different forms of violence caused 76 deaths, concerning all but 4 of which inquests were held. Of these 76 deaths, 10 were cases of suicide, and 1 of homicide, while the remaining 65 were attributed to accident or negligence. Three of these were referred to vehicles in the streets, 6 to burns and scalds, 2 to the effects of anæsthetics administered for surgical purposes, and 12 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3217 cases of scarlet fever, 1595 of diphtheria, and 308 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 455 cases, against 364, 409, and 461; of diphtheria, 271 cases, against 219, 240, and 245; and of enteric fever, 70 cases, against 41, 52, and 68.

#### GREATER LONDON.

In Greater London 3,643 births and 2,127 deaths were registered, corresponding to annual rates of 29·1 and 17·0 per 1000 of the estimated population. In the Outer Ring 4 deaths from measles, 5 from scarlet fever, 15 from diphtheria, 4 from whooping-cough, 7 from "fever," and 14 from diarrhœa were registered. Four deaths from diphtheria occurred in Edmonton district and 4 in West Ham district; 4 deaths from "fever" occurred in West Ham District.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·90 inches, and that of the Thermometer 47·3; the latter being 3·7 below the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 28 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 38·9 hours; the measured rainfall amounted to 0·12 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases, the Hospital authorities have been unable to ascertain the exact nature of the disease.



CITIES AND BOROUGH.	POPULATION estimated to the middle of the year 1891.*		Registered during the week ending 14th Oct. 1892.		Deaths of		Deaths from								Causes of Death.		Mean.		RAINFALL.		CITIES AND BOROUGH.					
	1.	2.	3.	4.	5.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Typhoid.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes of Death.	From All Causes.	From Diseases in Col. & 12.	Highest.		Lowest.	Fahrenheit.	Centigrade.	In Inches.	In Centi- metres.
Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.
33 TOWNS	11,404,408	6514	4080	993	997		4	49	36	101	41	69	137	152	298	941	53	187	20	65.2	30.5	47.4	8.56	0.26	0.66	33 TOWNS.
LONDON	4,548,752	2549	1638	333	465			20	9	57	10	21	49	76	144	542	7	188	19	62.9	31.2	47.3	8.50	0.12	0.30	LONDON.
WEST HAM.	300,241	179	78	18	14				2	3	1	3	3	4	6	8	2	135	21	-	-	-	-	-	-	WEST HAM.
CROYDON	127,769	58	38	7	15					1				1	5	4		155	4	82.0	30.5	45.7	7.81	0.07	0.18	CROYDON.
BRIGHTON	123,226	61	43	9	13					2		1	2	1	5	9	1	182	21	61.8	37.2	49.9	9.94	0.05	0.13	BRIGHTON.
PORTSMOUTH	190,741	88	61	8	22					4		3	3	-	-	-		167	27	-	-	-	-	-	-	PORTSMOUTH.
PLYMOUTH	100,637	52	39	6	13			1		1	1			-	-	5		202	16	-	-	-	-	-	-	PLYMOUTH.
BRISTOL	320,911	181	113	31	32			2		2				3	13	25		184	06	65.0	31.0	47.5	8.61	0.17	0.43	BRISTOL.
CARDIFF.	185,826	84	54	22	12			-				1	5	3	9	7		152	17	-	-	-	-	-	-	CARDIFF.
SWANSEA.	103,722	53	30	7	6				1					1	2	2		151	05	-	-	-	-	-	-	SWANSEA.
WOLVERHAMPTON	88,821	58	35	9	5					1		1	1	2	3	8		205	18	60.2	31.8	45.0	7.22	0.31	0.79	WOLVERHAMPTON.
BIRMINGHAM	514,956	332	170	45	32			3	1	2	1		4	8	11	38	6	172	11	-	-	-	-	-	-	BIRMINGHAM.
NORWICH	113,266	65	25	9	8									-	2	1	1	115	4	65.2	35.2	47.2	8.44	0.08	0.20	NORWICH.
LEICESTER	213,851	133	51	14	12			1	2	2	2	1	3	-	10	4	1	124	27	-	-	-	-	-	-	LEICESTER.
NOTTINGHAM	239,384	151	94	28	23			1	3	-	1	5	3	4	7	19	5	205	28	62.5	32.4	47.3	8.50	0.31	0.79	NOTTINGHAM.
DERBY	106,401	46	27	7	10									1	1	4		132	-	-	-	-	-	-	-	DERBY.
BIRKENHEAD	115,162	53	30	12	7			3				1	1	1	1	3		136	23	-	-	-	-	-	-	BIRKENHEAD.
LIVERPOOL	634,212	447	310	82	55			2	3	4	11	5	13	11	16	74	10	255	31	58.9	33.4	47.8	8.78	0.75	1.90	LIVERPOOL.
BOLTON	162,221	92	62	11	15				1	1	2	4	5	6	13	8		199	42	-	-	-	-	-	-	BOLTON.
MANCHESTER	543,002	312	228	60	45				1		3	3	8	9	13	53	4	219	14	-	-	-	-	-	-	MANCHESTER.
SALFORD	218,244	140	89	31	12			3		2	1	2	2	5	2	11		213	31	-	-	-	-	-	-	SALFORD.
OLDHAM	150,772	67	57	9	15			1	1					2	2	4		197	14	-	-	-	-	-	-	OLDHAM.
BURNLEY	113,081	53	45	16	7			1	2	1		2	3	1	1	4		208	42	-	-	-	-	-	-	BURNLEY.
BLACKBURN	135,154	66	52	14	11			2		1	1	1	1	2	3	9	1	201	19	-	-	-	-	-	-	BLACKBURN.
PRESTON	117,622	70	45	12	6						1	2	6	4	7	6		199	40	-	-	-	-	-	-	PRESTON.
HUDDESFIELD	103,464	45	34	9	12								1			1	2	171	05	-	-	-	-	-	-	HUDDESFIELD.
HALIFAX	97,721	38	24	4	4							1	1			1	1	128	11	-	-	-	-	-	-	HALIFAX.
BRADFORD	236,241	130	82	16	24			1	3	1			1		3	11	1	181	13	62.4	31.8	49.1	9.50	0.34	0.86	BRADFORD.
LEEDS	423,889	230	130	45	20			1	1	6	3	2	2	2	8	11		160	18	-	-	-	-	-	-	LEEDS.
SHEFFIELD	361,169	251	136	45	24			2	2	10	1	6	7	1	3	20	3	196	40	-	-	-	-	-	-	SHEFFIELD.
HULL	234,270	143	94	25	23			5	3		2	1	3	3	4	18	3	209	40	64.0	32.0	47.3	8.50	0.41	1.04	HULL.
SUNDERLAND	145,613	91	56	11	15									3	4	10	1	201	18	-	-	-	-	-	-	SUNDERLAND.
GATESHEAD	106,552	80	37	14	6									3	2	2		181	15	-	-	-	-	-	-	GATESHEAD.
NEWCASTLE	228,625	116	73	26	14				1				1	1	4	4	1	166	05	-	-	-	-	-	-	NEWCASTLE.

\* See note \* on first page of this return



TABLE 2. LONDON.—Births and Deaths Registered in the FORTY-FIRST Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2595	2409	2503	2511	2434	2323	2622	2536	2633	2454	2632.9	2549
Males - -	1368	1190	1278	1278	1250	1184	1355	1344	1347	1219	1348.0	1317
Females - -	1227	1219	1230	1233	1184	1139	1267	1192	1286	1235	1284.9	1232
<b>TOTAL Deaths</b>	1321	1472	1321	1395	1477	1291	1435	1378	1381	1600	1480.4	1638
Males - -	679	785	676	697	742	692	733	743	721	812	765.9	883
Females - -	642	687	645	698	735	599	702	635	660	788	714.5	755

\*The numbers in this column are the average weekly numbers in the forty-first week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	July 22.	July 29.	Aug. 5.	Aug. 12.	Aug. 19.	Aug. 26.	Sept. 2.	Sept. 9.	Sept. 16.	Sept. 23.	Sept. 30.	Oct. 7.	Oct. 14.
<b>TOTAL Births</b>	-	2444	2494	2577	2214	2671	2646	2532	2442	2675	2531	2399	2540
<b>TOTAL Deaths</b>	-	1589	1884	2200	2068	2208	2100	1931	1934	1643	1649	1456	1564
<b>Ages at Death</b>													
Under 1 year - -	-	556	805	1049	1015	1043	916	805	744	572	502	379	359
1-5 years - -	-	201	223	237	242	242	254	265	250	187	188	159	172
5-20 " - -	-	85	98	99	74	88	89	80	75	80	106	80	86
20-40 " - -	-	151	161	203	163	204	229	181	215	201	204	173	219
40-60 " - -	-	279	269	310	289	298	290	261	313	232	309	330	339
60-80 " - -	-	254	264	238	244	262	264	265	267	259	269	280	316
80 years and upwards	-	63	64	64	41	71	68	74	70	62	71	55	87
<b>Deaths from—</b>													
Small pox - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles - -	-	46	56	60	54	48	52	34	33	17	17	15	21
Scarlet Fever - -	-	8	5	6	8	8	7	5	5	2	8	9	7
Diphtheria - -	-	42	35	44	26	33	29	29	24	22	42	44	55
Whooping-cough - -	-	20	19	27	16	28	18	31	25	16	19	23	10
Typhus - -	-	-	-	-	-	-	-	-	1	-	-	-	-
Enteric Fever - -	-	8	13	13	12	11	16	18	11	18	24	19	19
Simple Continued Fever - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery - -	-	185	350	477	463	481	426	368	322	233	162	81	53
Cholera - -	-	7	12	21	21	16	21	22	8	9	6	2	-
<b>All the above Diseases</b>	-	316	490	648	600	625	569	507	429	317	278	193	167
<b>Dis. of Respiratory System—</b>													
Phthisis - -	-	149	169	157	163	148	169	131	170	133	138	156	215
Dis. of Circulatory System - -	-	118	112	145	134	151	152	140	167	183	139	157	173
Violence - -	-	116	123	110	96	114	112	114	132	110	134	124	157
Inquest Cases - -	-	77	82	91	72	70	60	60	65	62	71	57	71
<b>Deaths in Public Institutions—</b>													
Small-pox - -	-	137	156	161	151	153	139	134	180	145	147	135	148
Scarlet Fever - -	-	453	462	521	451	517	526	484	559	464	482	481	501
<b>TEMPERATURE OF THE AIR.</b>													
Mean - -	-	70.2	64.8	67.5	63.8	66.5	66.4	63.5	65.6	57.5	54.6	52.1	49.3
Mean of Highest readings - -	-	83.2	75.4	78.8	74.6	77.4	79.8	74.1	76.5	67.0	63.5	61.0	56.6
Mean of Lowest readings - -	-	57.9	55.3	57.3	55.7	57.2	53.6	55.2	55.2	48.8	48.2	45.5	42.6
<b>Humidity of the Air</b>	-	58	67	69	73	64	63	71	70	73	68	76	86
<b>Rain-fall (in inches)</b>	-	0.06	0.97	0.09	0.02	0.00	0.00	0.29	0.54	0.27	0.36	1.01	0.50
<b>Registered Sunshine (in hours)</b>	-	71.0	63.6	79.7	54.9	49.4	74.8	53.4	47.5	23.5	38.3	32.5	12.2
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - -	-	-	-	1	-	-	-	-	-	-	-	-	-
Scarlet Fever - -	-	2633	2667	2704	2674	2613	2548	2538	2549	2640	2758	2836	3003
Diphtheria - -	-	1488	1545	1526	1519	1508	1512	1502	1461	1486	1474	1487	1519
Enteric Fever - -	-	104	131	158	183	196	203	213	224	228	235	252	275

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Carr, Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-FIRST Week of the Year 1899.

In the Week ending Saturday, 14th October 1899.										In the Week ending Saturday, 14th October 1899.																				
CAUSES OF DEATH	Corrected Averages for the 41st Week 1889-98.	Deaths of Persons of the Ages								CAUSES OF DEATH	Corrected Averages for the 41st Week of the 10 years 1889-98.	Deaths of Persons of the Ages																		
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.											
			0-1.	1-5.	5-20.								0-1.	1-5.	5-20.															
CAUSES	1480.4	1638	333	182	90	238	330	378	87	Diseases of Circulatory System	125.2	170	2	1	6	33	47	68	1	Diseases of Circulatory System	125.2	170	2	1	6	33	47	68	1	
Ill- { Vaccinated† - 0.1		-	-	-	-	-	-	-	-	Croup - - - - -	4.1	1	-	-	1	-	-	-	-	Croup - - - - -	4.1	1	-	-	1	-	-	-	-	
Unvaccinated - 0.2		-	-	-	-	-	-	-	-	Bronchitis - - - -	126.9	137	30	17	1	2	15	53	16	Bronchitis - - - -	126.9	137	30	17	1	2	15	53	16	
No Statement - 0.2		-	-	-	-	-	-	-	-	Pneumonia - - - -	88.7	103	19	27	5	10	20	21	1	Pneumonia - - - -	88.7	103	19	27	5	10	20	21	1	
Scarlet Fever - 23.0		20	6	13	1	-	-	-	-	Pleurisy - - - - -	4.4	2	-	1	-	-	1	-	-	Pleurisy - - - - -	4.4	2	-	1	-	-	1	-	-	
Typhoid Fever - 20.2		9	-	7	2	-	-	-	-	Other Diseases of Res- piratory System -	22.0	32	1	3	-	5	10	11	2	Other Diseases of Res- piratory System -	22.0	32	1	3	-	5	10	11	2	
Scarlet Fever - 0.1		-	-	-	-	-	-	-	-	Dentition - - - - -	6.6	3	2	1	-	-	-	-	-	Dentition - - - - -	6.6	3	2	1	-	-	-	-	-	
Whooping Cough - 4.2		13	2	1	-	1	5	4	-	Quinsy, Sore Throat -	2.0	1	-	-	1	-	-	-	-	Quinsy, Sore Throat -	2.0	1	-	-	1	-	-	-	-	
Diphtheria - 19.3		10	7	3	-	-	-	-	-	Enteritis - - - - -	24.7	31	23	5	-	-	1	2	-	Enteritis - - - - -	24.7	31	23	5	-	-	1	2	-	
Measles Continued and - 50.3		57	3	35	19	-	-	-	-	Gastro-enteritis - - -	6.3	4	1	1	-	2	-	-	-	Gastro-enteritis - - -	6.3	4	1	1	-	2	-	-	-	
Scarlet Fever - 0.2		-	-	-	-	-	-	-	-	Peritonitis - - - - -	22.3	20	1	-	1	1	12	5	-	Peritonitis - - - - -	22.3	20	1	-	1	1	12	5	-	
Scarlet Fever - 19.6		21	-	1	6	11	3	-	-	Diseases of Liver - - -	29.4	30	6	1	-	5	8	9	1	Diseases of Liver - - -	29.4	30	6	1	-	5	8	9	1	
Scarlet Fever - 0.7		-	-	-	-	-	-	-	-	Other Diseases of Digestive System -										Other Diseases of Digestive System -										
Scarlet Fever - 54.6		49	32	9	-	1	6	1	-	Diseases of Lymphatic System & of Ductless Glands -	3.1	3	-	-	-	1	2	-	Diseases of Lymphatic System & of Ductless Glands -	3.1	3	-	-	-	1	2	-			
Scarlet Fever - 0.1		-	-	-	-	-	-	-	-	Diseases of Urinary System -	44.2	58	-	1	4	6	18	25	-	Diseases of Urinary System -	44.2	58	-	1	4	6	18	25	-	
Scarlet Fever - 0.4		-	-	-	-	-	-	-	-	Diseases of Generative System -	5.3	6	-	-	2	2	2	-	-	Diseases of Generative System -	5.3	6	-	-	2	2	2	-	-	
Scarlet Fever - 10.3		12	7	1	-	1	2	1	-	Accidents of Childbirth -	5.3	4	-	-	-	4	-	-	-	Accidents of Childbirth -	5.3	4	-	-	-	4	-	-	-	
Scarlet Fever - 5.1		4	1	-	-	1	1	1	-	Diseases of Locomotive System -	5.1	4	1	-	1	-	1	1	-	Diseases of Locomotive System -	5.1	4	1	-	1	-	1	1	-	
Scarlet Fever - 2.6		6	-	-	-	6	-	-	-	Diseases of Integumentary System -	5.3	6	-	-	-	1	2	2	-	Diseases of Integumentary System -	5.3	6	-	-	-	1	2	2	-	
Scarlet Fever - 5.8		6	-	-	-	6	-	-	-	VIOLENT DEATHS: (ACCIDENT.)										VIOLENT DEATHS: (ACCIDENT.)										
Scarlet Fever - 1.3		1	1	-	-	-	-	-	-	By Railways - - - -		4	-	-	2	1	1	-	-	By Railways - - - -		4	-	-	2	1	1	-	-	
Scarlet Fever - 1.2		-	-	-	-	-	-	-	-	By Vehicles or Horses -		3	-	-	-	-	2	-	-	By Vehicles or Horses -		3	-	-	-	-	2	-	-	
Scarlet Fever - 0.3		-	-	-	-	-	-	-	-	In Ships, Boats, Docks, (exclusive of Drowning) -		1	-	-	-	1	-	-	-	In Ships, Boats, Docks, (exclusive of Drowning) -		1	-	-	-	1	-	-	-	
Scarlet Fever - 2.0		1	1	-	-	-	-	-	-	In Building Operations -		-	-	-	-	-	-	-	-	In Building Operations -		-	-	-	-	-	-	-	-	
Scarlet Fever - 11.4		17	-	-	-	4	9	4	-	In Conflagrations - - -		-	-	-	-	-	-	-	-	In Conflagrations - - -		-	-	-	-	-	-	-	-	
Scarlet Fever - 8.5		5	-	-	4	1	-	-	-	By Burns, Scalds, Explosions -	48.2	6	-	2	1	-	2	-	-	By Burns, Scalds, Explosions -	48.2	6	-	2	1	-	2	-	-	
Scarlet Fever - 1.7		2	-	-	-	-	-	2	-	By Drowning - - - -		4	-	-	-	2	2	-	-	By Drowning - - - -		4	-	-	-	2	2	-	-	
Scarlet Fever - 3.8		1	-	-	-	-	-	1	-	By Suffocation in Bed -		12	12	-	-	-	-	-	-	By Suffocation in Bed -		12	12	-	-	-	-	-	-	
Scarlet Fever - 4.4		6	2	3	-	1	-	-	-	By Poisons or Poisonous Vapours -		4	-	-	-	2	2	-	-	By Poisons or Poisonous Vapours -		4	-	-	-	2	2	-	-	
Scarlet Fever - 69.5		98	-	-	2	9	42	43	2	Other or not stated causes -		31	1	2	1	9	4	12	-	Other or not stated causes -		31	1	2	1	9	4	12	-	
Scarlet Fever - 25.0		18	7	7	3	1	-	-	-	(VIOLENCE OTHER THAN ACCIDENTAL.)										(VIOLENCE OTHER THAN ACCIDENTAL.)										
Scarlet Fever - 22.0		14	8	4	-	2	-	-	-	Homicide - - - - -	1.4	1	-	1	-	-	-	-	-	Homicide - - - - -	1.4	1	-	1	-	-	-	-	-	
Scarlet Fever - 157.5		180	-	3	9	94	60	13	1	Suicide - - - - -	6.3	10	-	-	-	4	6	-	-	Suicide - - - - -	6.3	10	-	-	-	4	6	-	-	
Scarlet Fever - 18.1		16	5	6	1	1	3	-	-	Execution - - - - -	0.2	-	-	-	-	-	-	-	-	Execution - - - - -	0.2	-	-	-	-	-	-	-	-	
Scarlet Fever - 14.6		18	1	2	1	2	5	7	-	OTHER CAUSES - - -	62.9	71	58	8	-	-	3	1	-	OTHER CAUSES - - -	62.9	71	58	8	-	-	3	1	-	
Scarlet Fever - 47.0		54	54	-	-	-	-	-	-																					
Scarlet Fever - 4.0		5	5	-	-	-	-	-	-																					
Scarlet Fever - 6.6		5	2	1	1	1	-	-	-																					
Scarlet Fever - 45.8		57	-	-	-	-	30	27	-																					
Scarlet Fever - 42.5		47	1	-	-	2	10	29	5																					
Scarlet Fever - 8.2		6	-	-	1	-	3	2	-																					
Scarlet Fever - 41.0		27	24	3	-	-	-	-	-																					
Scarlet Fever - 72.6		82	5	10	9	9	21	23	5																					
Scarlet Fever - 4.5		3	-	1	2	-	-	-	-																					

The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of homicide, murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &c., registered in the SUB-DISTRICT during the Week ending Saturday, 14th October, 1899.

The DEATHS registered during the Week include																			
REGISTRATION SUB-DISTRICTS.	Enu- me- rated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of														Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.				
LONDON -	4,411,710	2,549	1,638	333	465	-	20	9	57	10	-	21	-	49	76	144	542		
WEST DISTRICTS	778,251	384	252	29	83	-	-	2	2	1	-	3	-	5	13	20	80		
NORTH DISTRICTS	1,040,694	569	365	85	96	-	2	5	17	3	-	4	-	9	17	29	117		
CENTRAL DISTRICTS	233,636	104	106	19	25	-	1	-	3	1	-	2	-	5	13	17	50		
EAST DISTRICTS	716,334	462	293	67	84	-	7	-	6	4	-	6	-	9	13	35	114		
SOUTH DISTRICTS	1,642,796	1,030	591	133	166	-	10	2	29	1	-	6	-	21	20	43	150		
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON *	-	-	31	-	11	-	-	-	-	-	-	-	-	-	-	-	31		
WEST DISTRICTS.																			
St. Mary Paddington } G. & W.	90,896	50	32	3	11	-	-	-	-	-	-	-	-	-	-	-	9		
WHH																			
St. John Paddington H - - G.	33,510	11	16	1	7	-	-	-	-	-	-	-	-	-	2	3	7		
Kensington Town Ww - - W.	122,164	58	33	4	9	-	-	-	2	-	-	1	-	-	1	6	10		
Brompton HH - - W. & C.	48,301	10	14	1	7	-	-	-	-	-	-	-	-	-	2	1	4		
North Hammersmith† H } W. & G.	44,638	26	10	2	1	-	-	-	-	-	-	-	-	-	-	-	4		
South Hammersmith† H } W. & G.	59,561	32	13	1	2	-	-	-	-	-	-	-	-	-	-	-	4		
Fulham Ww - - W. & C.	113,781	90	40	10	9	-	-	2	-	-	-	1	-	2	4	4	11		
Chelsea Kensal Town - - C.	21,450	4	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
Chelsea North WHHHH - - C.	42,057	11	25	1	9	-	-	-	-	-	-	-	-	2	-	-	13		
Chelsea South HH - - C.	33,139	14	12	-	7	-	-	-	-	-	-	-	-	-	3	4	-		
May Fair W - - - - G.	23,827	2	17	-	8	-	-	-	-	-	-	-	-	-	1	1	13		
Belgrave WHHH - - - C.	56,140	30	12	1	4	-	-	-	-	-	-	1	-	-	-	-	5		
St. John Westminster HH - - C.	31,492	21	9	2	1	-	-	-	-	-	-	-	-	-	-	-	1		
St. Margaret Westminster H- C.	22,097	12	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-		
St. James Westminster } N. & G.	23,050	5	10	3	5	-	-	-	-	1	-	-	-	1	-	1	3		
WH																			
St. Anne Soho HHHHH - N.	12,048	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NORTH DISTRICTS.																			
All Souls Marylebone } - - W.	36,595	9	19	1	-	-	-	-	-	-	-	-	-	-	2	3	12		
HHHHHHHHH																			
Rectory Marylebone W } G. & W.	19,798	8	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Mary Marylebone } G. & W.	19,637	25	5	1	1	-	-	-	1	-	-	-	-	-	-	-	1		
HHHH																			
Christchurch Marylebone H - W	32,547	11	3	2	-	-	-	-	-	-	-	-	-	1	-	-	-		
St. John Marylebone HHH - W.	32,611	20	6	1	2	-	-	-	1	-	-	-	-	-	-	-	-		
Hampstead } - N. & W.	75,449	30	23	5	7	-	-	4	4	-	-	1	-	-	-	1	12		
WwHHHHH																			
Regent's Park Pancras HH - W.	37,341	14	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
Tottenham-court } - N. & W.	26,757	9	10	-	2	-	-	-	-	1	-	-	-	-	1	1	7		
wHHHHHH																			
Gray's Inn Lane HHHH - N.	29,426	13	8	2	1	-	-	-	-	-	-	-	-	-	-	1	2		
Somers Town HH - - N.	32,161	17	5	-	-	-	-	-	-	-	-	-	-	-	-	1	3		
Camden Town WH - - N.	16,669	14	7	-	5	-	-	-	-	-	-	-	-	-	-	1	2		
Kentish Town WW - - N.	98,410	51	50	11	17	-	-	-	-	3	-	-	-	3	1	4	17		
Upper Holloway } - - N.	98,273	62	60	15	19	-	1	-	2	-	-	1	-	1	1	1	33		
WWWWwHH																			
Islington South-west H - N.	107,365	89	32	13	4	-	1	1	1	-	-	-	-	2	1	2	1		
Islington South-east - - N.	66,549	36	17	2	4	-	-	-	-	-	-	-	-	1	-	-	-		
Highbury HH - - N.	64,577	31	11	6	2	-	-	-	-	-	-	1	-	-	-	-	-		
Stoke Newington H - - N.	33,485	12	10	1	7	-	-	-	1	-	-	-	-	-	-	2	-		
North Hackney - - E. & N.		15	11	1	2	-	-	-	-	-	-	-	-	-	-	-	-		
Central Hackney ww - - E. & N.		27	19	4	4	-	-	-	6	-	-	1	-	-	1	2	5		
South-west Hackney HHH E. & N.	213,044	46	28	8	7	-	-	-	-	-	-	-	-	-	6	7	6		
South-east Hackney WwH E. & N.		30	31	8	11	-	-	-	-	-	-	-	-	1	1	1	12		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there; namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; /—Private Lunatic Asylum in which paupers received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. signifying Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. New River; E. East London; and K. the Kent Company.

\* See note † on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and were named North Hammersmith and South Hammersmith, respectively.



5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 14th October, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation.  1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include															Deaths in Public Institutions	Uncertified Causes of Death.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from														
						Small-pox	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Fever.	Continued Fever.	Diarrhoea.	Violence	Inquest Cases			
CENTRAL DISTRICTS.																				
St George Bloomsbury - - N.	16,116	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St Giles South WH - - N.	12,976	4	4	1	-	-	-	-	-	-	-	-	-	-	1	1	2	-		
St Giles North H - - N.	3,151	4	4	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-		
St Martin-in-the-Fields HHN, & C	13,077	-	4	-	-	-	-	-	-	-	-	-	-	-	-	1	1	4		
St Paul WHH - - - N.	11,839	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-		
St Paul Union Workhouse, Edmonton	11,037	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	3	-		
St Peter w HHHHHH - - N.	31,042	16	17	5	3	-	-	-	-	-	-	-	-	-	-	1	2	11		
St James Clerkenwell - - N.	15,777	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St John Clerkenwell - - N.	34,356	27	11	4	2	-	-	-	-	-	-	-	-	-	2	1	2	-		
St John-street - - - N.	18,069	5	9	2	4	-	-	-	-	-	1	-	1	-	1	-	-	-		
St Mark HHHH - - - N.	29,597	25	14	4	3	-	-	-	-	-	-	-	-	-	1	1	4	-		
St Mark-cross-street - - N.	7,595	7	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-		
St Mary - - - N.	4,035	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St Mary Union Workhouse, } St Michael - - -	†892	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
St Botolph* HH - - N. & E.	9,762	1	5	-	2	-	-	-	-	1	-	-	-	-	-	1	1	-		
St Dunstonslegate - - - N.	3,299	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St Giles Church WH - - N.	9,591	-	23	3	3	-	-	-	-	2	-	-	-	-	-	7	8	19		
St Giles Barking - - N.	9,059	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St Giles of London Asylum, Stone - -	†888	-	2	-	1	-	-	-	-	-	-	-	-	-	1	-	2	-		
EAST DISTRICTS.																				
St Edith South H1 - - E. & N.	17,975	8	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St John New Town w - - N.	29,575	25	12	3	6	-	1	-	-	-	-	-	-	-	1	-	6	-		
St John Old Town - - N.	27,645	16	13	6	-	-	1	-	-	-	1	-	-	-	-	1	-	-		
St Petergerston WH - - N. & E.	47,163	35	29	5	11	-	1	-	-	-	-	-	-	-	-	-	13	-		
St Paul Green North H - - E.	49,301	39	9	3	2	-	-	-	-	-	-	-	-	-	-	-	1	-		
St Paul Green South - - E.	34,194	23	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St Paul Green East WH1 - - E.	45,667	28	21	4	6	-	2	-	-	-	-	-	-	-	1	-	9	-		
St Albfields - - - E. & N.	26,681	20	12	2	5	-	-	-	-	-	-	-	-	-	-	-	1	-		
St End New Town* WH - - E.	51,995 {	24	45	8	5	-	-	-	-	1	-	-	4	-	1	8	12	40		
St Goodman's Fields* - - E.		12	5	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-		
St George's North - - - E.	39,576	34	8	5	1	-	1	-	1	-	-	-	-	-	1	1	2	-		
St John, St. George East W E.	7,930	3	12	2	6	-	-	-	-	-	-	-	-	-	1	-	9	-		
St Andrewell A - - - E. & N.	10,434	9	5	3	-	-	-	-	-	-	-	-	-	-	1	1	1	3		
St Cliff W - - - E.	14,954	11	5	-	2	-	-	-	-	-	1	-	-	-	-	1	1	-		
St Lehouse - - - E.	32,917	17	8	4	1	-	-	-	-	-	-	-	-	-	-	1	-	-		
St End Old Town West H E.	111,060 {	30	12	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
St End Old Town East W W W		33	19	5	7	-	1	-	-	-	-	-	-	-	1	-	3	7		
St Mary - - - E.	41,687	20	12	3	3	-	-	-	-	-	-	-	-	-	-	-	2	1		
St Mary w W W H - - - E.	69,821	48	48	5	20	-	-	-	-	1	1	-	2	-	3	1	5	25		
St Mary W W - - - E.	57,758	27	11	4	3	-	-	-	-	2	1	-	-	-	-	1	1	-		

\* The Sub-Districts of St Botolph and Broad Street were united on 1st September 1899.

† Population in 1891, not included in the total population of the Central Districts or of London.

Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.

The DEATHS registered during the Week include																
REGISTRATION SUB-DISTRICT	Enu- merated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of												
				Infants under 1 Year of Age.	Persons aged 40 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or typhoid) Fever.	Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.
<b>SOUTH DISTRICTS.</b>																
Christchurch Southwark WH & S.	13,064	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Saviour Southwark - - - S.	12,301	5	3	1	1	-	-	-	-	-	-	-	-	-	-	-
Kent-road - - - S. & L.	22,879	23	15	5	4	-	-	1	-	-	-	-	-	-	1	1
Borough-road WH - - - S. & L.	16,083	7	6	1	1	-	-	1	-	1	-	-	-	-	-	-
London-road HL - - - L. & S.	21,316	16	6	1	1	3	-	-	-	-	-	-	-	-	-	-
Trinity Newington - - - S. & L.	28,723	8	8	1	3	-	-	1	-	-	-	-	-	-	1	1
St. Peter Walworth W - - S. & L.	62,045	38	21	7	8	-	-	-	-	-	-	-	-	-	1	1
St. Mary Newington - - - L. & S.	30,171	17	8	5	1	-	-	-	-	-	-	-	-	-	2	-
St. Olave WH - - - S.	11,731	6	17	2	1	-	-	-	-	-	1	-	-	-	3	1
Bermondsey W - - - S.	85,475	58	25	5	12	-	-	3	-	-	-	-	-	-	2	5
Rotherhithe Ww - - - S. & K.	40,379	24	22	4	2	-	-	1	-	1	-	1	-	-	1	1
Waterloo-road HH - - - L. & S.	28,396	37	9	5	-	-	-	-	-	2	-	-	-	-	2	3
Lambeth Church 1st H - - L. & S.	18,770	19	14	-	1	-	-	-	-	1	-	-	-	-	1	1
Lambeth Church 2nd WW - - L. & S.	40,894	30	33	8	13	-	-	-	-	1	-	-	-	-	1	1
Kennington 1st H - - - S. & L.	52,486	36	13	2	4	-	-	-	-	1	-	-	-	-	1	1
Kennington 2nd - - - S. & L.	43,244	20	13	1	7	-	-	-	-	-	-	-	-	-	1	1
Brixton w - - - L. & S.	81,825	43	22	2	11	-	-	-	-	1	-	-	-	-	-	-
Norwood WH - - - L.	29,318	20	8	1	4	-	-	-	-	-	-	-	-	-	-	-
East Battersea - - - S.	71,730	52	19	4	1	-	-	-	-	-	-	-	-	-	1	4
West Battersea WvH - - - S.	93,385	50	37	7	15	-	-	-	-	-	-	-	-	-	2	-
Clapham H - - - S.	46,953	30	17	2	8	-	-	-	-	-	-	-	-	-	1	-
Wands worth WHHL - - - S.	58,101	36	11	3	2	-	-	-	-	-	-	-	-	-	-	1
Putney - - - S.	20,566	14	4	1	1	-	-	-	-	-	-	-	-	-	-	-
Streatham WwwwL - - - L.	61,644	35	24	2	8	-	-	-	6	-	3	-	-	-	1	1
Dulwich - - - L. & S.	7,519	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell Well - - - S. & L.	90,286	58	48	6	19	-	-	-	-	-	-	-	-	-	1	1
Peckham WW - - - S., L., & K.	88,242	62	24	7	5	-	-	-	-	-	-	-	-	-	1	1
St. George Camberwell - - - L. & S.	67,029	38	13	7	2	-	-	-	-	-	-	-	-	-	-	1
Deptford North - - - K.	36,152	19	13	7	1	-	-	1	-	-	-	-	-	-	1	2
Deptford Central w - - - K.	45,441	22	21	4	4	-	-	-	-	8	-	-	-	-	2	-
Deptford South - - - K.	33,402	16	11	5	3	-	-	1	-	-	-	-	-	-	-	-
Greenwich West H - - - K.	23,012	9	6	1	3	-	-	-	-	1	-	-	-	-	1	1
Greenwich East WH - - - K.	37,767	29	18	5	4	-	-	-	-	-	-	-	-	-	1	1
Eltham vH - - - K.	5,911	3</														

6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 14th October, 1899.

REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- mer- ated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
					Deaths of		Deaths from										
					Infants under 1 Year of Age.	Persons aged 50 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
NDON—OUTER RING	368,749	1,422,063	1,094	489	102	139	-	4	5	15	4	7	14	17	40	55	5
Carshalton WHH	12,228	26,108	13	7	2	2	-	-	-	1	-	-	-	-	1	1	-
Epsom, part of* WwHH	10,423	12,508	9	4	-	2	-	-	-	-	-	-	-	-	-	2	1
Godstone, part of* W	2,754	1,598	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Croydon WwHHH	20,851	128,699	76	45	9	18	-	-	-	1	-	-	1	1	5	7	-
Mitcham w	11,697	23,072	13	4	1	1	-	-	-	1	-	-	1	1	-	-	-
Wimbledon HHH	3,220	25,777	26	12	4	4	-	-	-	1	-	-	1	-	-	1	-
Kingston WH	-	33,566	26	12	1	6	-	-	-	-	-	-	-	-	-	2	1
Surbiton H-	14,672	12,178	6	4	-	2	-	-	-	-	-	-	-	-	-	1	1
Esher, part of* HH	-	11,080	4	2	1	1	-	-	-	-	-	-	-	-	1	1	-
Hampton HL	4,565	18,252	7	3	-	1	-	-	-	-	-	-	-	-	1	1	-
Richmond WH-	2,160	25,389	11	14	2	2	-	2	-	2	-	-	1	-	2	2	-
Mortlake H	2,823	16,159	13	6	2	3	-	-	-	-	-	-	2	2	2	-	-
Bromley HHH	9,127	23,815	12	7	-	3	-	-	-	1	-	-	-	1	1	1	-
Beckenham H-	6,542	21,969	9	3	-	1	-	-	-	-	-	-	-	1	1	1	-
Chislehurst, part of* WHH	14,307	20,372	10	4	1	1	-	-	-	-	-	-	-	-	1	2	-
Bexley HHH	12,540	30,590	33	7	2	3	-	-	-	-	-	-	-	-	-	-	-
Dartford WH, part of*	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	2	-
Sunbury w	11,054	13,671	14	4	1	-	-	-	-	-	-	-	1	2	2	1	-
Staines WH	13,277	13,321	9	7	1	1	-	-	-	-	-	-	-	-	1	-	-
Hillingdon WHH	6,035	12,237	9	7	-	4	-	-	-	-	-	-	-	-	-	-	-
Uxbridge	12,757	7,253	7	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Hayes wH-	7,952	11,051	5	4	1	-	-	-	-	-	-	-	1	-	-	-	-
Uxbridge WHH	6,967	26,004	12	9	2	2	-	-	-	-	-	-	-	-	1	2	-
Twickenham HH	2,415	16,027	16	5	1	1	-	-	-	-	-	-	-	-	-	-	-
Brentford HHHH	4,318	37,777	23	10	-	5	-	1	-	-	-	-	-	-	-	1	-
Chiswick	1,245	21,963	6	9	-	7	-	-	-	-	-	-	-	-	-	-	1
Acton WHH	6,132	30,945	32	12	1	3	-	-	-	-	-	1	2	-	-	-	-
Harrow HHH	13,809	15,715	13	3	-	1	-	-	-	-	-	-	-	-	1	-	-
Edgware HH	6,994	3,844	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Willenden HHH	4,383	61,265	51	18	3	2	-	1	1	1	1	-	1	1	1	3	-
Hendon WH	8,382	15,843	18	7	3	1	-	-	-	-	-	-	1	1	1	4	1
South Mimms HH	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barnet WHH	21,077	6,367	5	3	2	-	-	-	-	-	-	-	-	-	-	-	-
Finchley HHH	4,688	14,152	12	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Hornsey HH	3,039	61,097	45	15	1	6	-	-	1	-	-	-	1	1	2	1	-
Tottenham HH	4,642	87,174	78	31	8	5	-	2	-	2	-	-	2	1	2	2	-
Edmonton WwW	7,489	36,351	35	20	2	9	-	-	1	-	-	-	1	-	-	3	-
Enfield WWWW	12,602	31,536	24	7	-	1	-	-	1	-	-	1	-	-	-	1	-
Waltham Abbey	11,017	6,066	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Cheshunt H	8,480	9,620	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-
Hatfield, part of* W-	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bushey H-	9,331	7,737	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Watford WH, part of*	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Stratford H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plaistow WWWW	4,706	38,612	22	15	4	2	-	-	1	2	-	1	-	2	3	2	-
Canning Town H	-	53,030	65	19	3	6	-	-	-	-	-	-	-	-	1	1	-
Forest Gate w	-	54,750	63	29	9	-	-	1	1	1	1	1	2	2	2	1	1
East Ham wHH	3,266	53,511	29	10	2	4	-	-	-	-	-	1	1	-	-	-	-
Leyton WWWW	4,334	32,713	55	12	6	3	-	-	-	-	-	-	-	-	-	-	-
Walthamstow HHHHL	6,501	70,188	53	33	8	10	-	-	-	-	-	-	-	-	1	7	-
Chigwell, part of* HHHH	11,779	57,330	57	36	13	5	-	-	1	2	1	-	2	-	3	-	-
Epping WH, part of*	-	12,941	9	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Romford, part of* WH	6,556	4,324	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Ilford	8,493	10,913	23	7	3	2	-	-	-	-	-	-	-	1	1	-	-
Barking Town, H	3,814	14,301	16	3	-	2	-	-	-	-	-	-	-	-	-	-	-
Middlesex County Asylum, Wandsworth.	-	-	-	2	-	-	-	-	-	-	-	-	-	-	2	-	-

parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warlingham and Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Northaw (pop. 189); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouse.



TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS AND Rate of MORTALITY during the week ending Saturday, 14th October, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE OF MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include									
						Deaths of		Deaths from							
			From All Causes.	From Diseases in Cols. 8-14.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
GREATER LONDON	443,421	6,528,434	17.0	1.7	2127	435	604	-	24	14	72	14	28	63	9
INNER LONDON -	74,672	4,546,752	18.8	1.9	1638	333	465	-	20	9	57	10	21	49	7
OUTER RING -	368,749	1,981,682	12.9	1.3	489	102	139	-	4	5	15	4	7	14	1

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.					
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.
EDINBURGH -	238,927	Oct. 14	153	92	16.0	-	-	3	-	3	-
GLASGOW -	733,903	" 14	443	273	19.4	-	14	1	2	2	5
DUBLIN -	349,594	" 14	198	225	33.6	-	44	2	1	-	7
CALCUTTA -	466,460	Sept. 9	-	257	28.7	1	-	-	1	1	75
BOMBAY -	821,764	" 19	217	670	42.4	9	5	-	-	-	180
MADRAS -	452,618	" 8	387	290	33.3	1	6	-	-	-	57
PARIS -	2,511,629	Oct. 7	1194	808	16.7	-	6	4	3*	4	21
BRUSSELS -	561,130	" 7	241	168	15.5	-	-	3	1*	-	5
AMSTERDAM -	517,595	Sept. 30	-	-	-	-	-	-	-	-	-
ROTTERDAM -	315,805	" 30	-	-	-	-	-	-	-	-	-
THE HAGUE -	199,285	" 30	-	-	-	-	-	-	-	-	-
COPENHAGEN -	349,000	Oct. 7	188	106	15.8	-	-	1	3	2	1
STOCKHOLM -	291,580	Sept. 30	140	86	15.3	-	1	3	3*	-	4
CHRISTIANIA -	221,255	Oct. 7	166	74	17.4	-	-	1	1	1	-
ST. PETERSBURG -	1,132,677	Sept. 30	452	411	18.9	1	9	9	18	6	43
MOSCOW -	988,610	" 30	-	467	24.6	1	2	10	8	5	3
BERLIN -	1,818,517	" 23	931	657	18.8	-	7	22	12	13	4
HAMBURG -	675,351	Oct. 7	-	212	16.3	-	-	2	-	2	4
DRESDEN -	397,300	Sept. 16	252	155	20.3	-	1	-	-	3	1
BRESLAU -	406,012	Oct. 7	-	169	21.7	-	2	4	1	-	-
MUNICH -	445,000	" 7	-	201	23.5	-	-	1	1*	1	2
VIENNA -	1,623,134	Sept. 30	882	545	17.5	-	2	10	7*	1	1
PRAGUE -	384,622	" 30	215	154	20.8	-	-	-	2	1	-
BUDA-PESTH -	666,722	" 30	400	253	19.7	-	2	12	-	1	4
TRIESTE -	166,599	" 23	105	81	25.3	-	-	5	2*	-	-
ROME -	508,779	" 16	228	127	13.0	-	-	-	-	-	8
TURIN (10 days) -	344,203	Aug. 20	-	-	-	-	-	-	-	-	-
VENICE -	172,288	Sept. 30	-	-	-	-	-	-	-	-	-
CAIRO -	570,062	July 15	395	450	41.0	2	28	-	4*	-	27
ALEXANDRIA -	319,766	" 15	229	168	27.3	-	-	-	2*	-	7
NEW YORK (including BROOKLYN) -	3,550,053	Sept. 16	-	-	-	-	-	-	-	-	-
PHILADELPHIA -	1,266,832	" 23	-	371	15.3	-	-	3	18	4	0

\* Including deaths from croup.

† Including 24 deaths from plague in Calcutta, 94 in Bombay, and 4 in Alexandria.

‡ Including 2 deaths from cholera in Calcutta and 1 in Bombay.

1899.		Phases of the Moon.	Of the Air.				Of the Dew Point and Temperature.	Degree of humidity (Saturation 100).	Of the Earth 3 feet below the Surface.	Oalar's.		Pressure on the Square Foot.		Robinson's.		Gauge receiving rain, inches above the Ground.									
MONTH AND DAY	in. (corrected to 32° Fahr.)		High-est.	Low-est.	Mean daily Range.	De-ature from Average of 30 years.				Mean	Greatest.	A.M.	P.M.	Greatest.	Least.		Mean hourly.	Horizontal Movement on each Day.	Departure from Average of 16 Years.						
OCTOBER.																									
SUNDAY	- 8	..	30.219	60.2	31.2	29.0	46.1	0	0	0	17	13.5	0	0	94	107.1	29.2	55.84	Cal'm & E. & ESE.	E. & ESE.	lbs. 0.5	lbs. 0.0	Miles. 103	in. 0.00	0.0
MONDAY	- 9	..	30.134	59.5	33.6	25.9	46.4	- 5.3	40.6	5.8	16.3	0	0	80	108.5	28.5	55.27	E. & ESE.	SE. & SW.	0.3	0.0	97	- 147	0.00	
TUESDAY	- 10	Great- est Dec. S.	30.062	60.5	32.7	27.8	46.7	- 4.8	42.4	4.3	14.8	0	0	85	94.7	27.5	54.83	WSW. & SW.	WSW. & SW.	0.1	0.0	158	- 87	0.00	
WEDNESDAY	- 11	..	29.737	62.9	35.5	27.4	49.3	- 1.7	45.3	3.5	12.6	0	0	87	97.3	28.9	54.48	SSW.	SSW.	0.5	0.0	121	- 125	0.00	
THURSDAY	- 12	First Quarter.	29.373	62.9	45.3	17.6	53.4	+ 2.8	49.3	3.6	9.1	0	0	88	90.1	37.7	54.13	SE. & SW.	SSW.	4.3	0.2	218	- 30	0.12	
FRIDAY	- 13	..	29.755	53.2	39.1	14.1	45.8	- 4.5	34.9	10.9	19.8	37	66	87.3	31.1	54.10	W. & WSW.	W. & WSW.	5.8	0.0	370	+ 120	0.00		
SATURDAY	- 14	..	30.012	53.4	35.9	17.5	43.6	- 6.5	37.0	6.8	12.6	1.5	77	86.1	28.9	53.94	NW. & SW.	NW. & SW.	1.0	0.0	183	- 70	0.00		
MEANS	-		29.899	58.9	36.2	22.8	47.3	- 3.7	42.1	5.2	14.1	0.7	82	97.8	30.3	54.97	Variable.	Variable.	..	..	20	21	22	23	24
No. of Column	-		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
DATE.																									
OCTOBER.																									
SUNDAY	- 8	m. P. till 7h. A.M.; w. P. afterwards.	6.4	11.1																					
MONDAY	- 9	w. P. throughout -	8.3	11.0																					
TUESDAY	- 10	w. P. till 10h. A.M.; m. P. afterwards.	6.8	11.0																					
WEDNESDAY	- 11	m. P. till 8h. A.M.; w. P. afterwards.	6.3	10.9																					
THURSDAY	- 12	w. P. till 6h. P.M.; w. P. and w. N. till 8h. P.M.; m. P. afterwards.	1.1	10.9																					
FRIDAY	- 13	w. P. till 9h. A.M.; s. P. generally afterwards.	7.3	10.8																					
SATURDAY	- 14	m. P. throughout -	2.9	10.7																					
No. of Col.	-		28	29																					

The results apply to the civil day, or from midnight to midnight. The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M. and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of correction deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glashier's Hygrometrical Tables. The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1880, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875. In reading columns 9 and 24 it will be borne in mind that + indicates "higher", and - "lower", than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: - P. positive; N. negative; W. weak; M. moderate; S. strong; and V. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 30.18 in. at the beginning of the week to 30.24 in. by 8h. A.M. on the 8th; decreased to 29.28 in. by 5h. P.M. on the 12th; and increased to 30.04 in. by the end of the week.

Errata.—Report for week ending September 2nd.—Sunshine, Column 28, September 2nd, for 11.3h. read 6.9h. Sum for week, for 63.4h. read 49.6h.

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1899.



# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 42. 1899. VOL. LX.] WEEK ENDING SATURDAY, OCT. 21. [Price 1½d.

General Register Office, Somerset House,  
October 23rd, 1899.

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 19·0 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Sept. 30.	Oct. 7.	Oct. 14.	Oct. 21.		Sept. 30.	Oct. 7.	Oct. 14.	Oct. 21.
33 Great Towns	19·1	18·8	18·6	19·0	Leicester - -	18·3	17·8	12·4	16·6
Birkenhead -	18·1	18·1	13·6	16·8	Liverpool - -	26·5	24·7	25·5	28·4
Birmingham -	23·0	20·4	17·2	19·5	London - - -	16·7	17·9	18·8	18·0
Blackburn - -	14·7	19·3	20·1	19·7	Manchester - -	25·2	24·0	21·9	23·6
Bolton - - -	22·5	15·1	19·9	18·3	Newcastle-on-Tyne	23·3	24·2	16·6	20·3
Bradford - -	12·6	16·3	18·1	19·6	Norwich - - -	13·4	14·7	11·5	11·5
Brighton - -	17·8	15·2	18·2	13·1	Nottingham - -	21·3	17·4	20·5	15·9
Bristol - - -	14·9	14·6	18·4	23·7	Oldham - - -	21·8	13·8	19·7	17·3
Burnley - - -	17·5	16·6	20·8	19·4	Plymouth - - -	15·5	17·1	20·2	22·3
Cardiff - - -	16·6	16·3	15·2	15·2	Portsmouth - -	17·8	16·9	16·7	15·9
Croydon - - -	14·3	16·7	15·5	9·8	Preston - - -	27·9	22·6	19·9	18·6
Derby - - -	16·2	16·7	13·2	10·8	Salford - - -	26·0	25·2	21·3	24·4
Gateshead - -	20·1	17·1	18·1	21·0	Sheffield - - -	24·5	22·4	19·6	20·6
Halifax - - -	14·4	13·9	12·8	16·0	Sunderland - -	24·7	23·3	20·1	20·1
Huddersfield -	17·1	13·6	17·1	17·6	Swansea - - -	16·6	12·1	15·1	13·6
Hull - - -	25·8	19·4	20·9	16·9	West Ham - - -	16·3	15·8	13·5	18·4
Leeds - - -	20·1	19·1	16·0	19·3	Wolverhampton -	20·0	20·5	20·5	19·4

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·4 in Burnley, 1·6 in Plymouth, and 1·8 in Birkenhead; from *scarlet fever*, 1·0 in Salford and in Oldham, and 1·4 in Burnley; from *whooping-cough*, 1·0 in Gateshead; from "*fever*," 1·0 in Gateshead, 1·3 in Sheffield and in Hull, and 1·7 in Nottingham; and from *diarrhoea*, 1·1 in Sunderland, 1·3 in Wolverhampton, 1·4 in Portsmouth and in Salford, 1·5 in Blackburn, and 2·7 in Preston. The 129 deaths from *diphtheria* included 60 in London, 14 in Sheffield, 13 in Leeds, 6 in Birmingham, 6 in Liverpool, 4 in Portsmouth, 3 in West Ham, and 3 in Blackburn. No death from *small-pox* was registered in any of the thirty-three towns.

#### LONDON.

In LONDON† 2529 BIRTHS and 1567 DEATHS were registered. Allowing for increase of population, the births were 126 below, and the deaths 21 above, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes which had been

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

16·7, 17·9, and 18·8 in the preceding three weeks, fell again last week to 18·0. During the four weeks ending on Saturday last the death-rate averaged 17·9 per 1000, being 0·8 per 1000 above the mean rate in the corresponding periods of the ten years 1889-98.

The 1567 deaths included 26 from measles, 6 from scarlet fever, 60 from diphtheria, 6 from whooping-cough, 15 from enteric fever, 25 from diarrhoea and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 138 deaths were referred to these diseases, being 52 below the corrected average weekly number.

The deaths from *measles*, which had been 15, 21, and 20 in the preceding three weeks, rose again last week to 26, but were 2 below the corrected average; 4 cases belonged to Islington and 4 to Bethnal Green sanitary areas. The deaths from *scarlet fever*, which had been 9, 7, and 9 in the preceding three weeks, fell again last week to 6, and were 16 below the corrected average. The deaths from *diphtheria*, which had been 44, 55, and 56 in the preceding three weeks, further rose last week to 60, and were 5 above the corrected average; 7 cases belonged to Lambeth, 7 to Camberwell, 5 to St. Pancras, 5 to Islington, 5 to Mile End Old Town, 4 to Wandsworth, 3 to St. Marylebone, and 3 to Newington sanitary areas. The deaths from *whooping-cough*, which had been 23, 10, and 10 in the preceding three weeks, further fell last week to 6, and were 17 below the corrected average. The fatal cases of *enteric fever*, which had been 19, 19, and 21 in the preceding three weeks, fell again last week to 15, and were 5 below the corrected average; 3 cases belonged to Camberwell and 2 to Westminster sanitary areas. The deaths from *diarrhoea*, which had been 81, 53, and 49 in the preceding three weeks, further fell last week to 25, and were 16 below the corrected average. Of the 25 deaths from diarrhoea, 23 were of children under 5 years of age; 27 more deaths at this age-period were described as due to *gastro-enteritis*. The deaths referred to diseases of the respiratory organs, which had been 156, 215, and 275 in the preceding three weeks, further rose last week to 306, and were 19 above the corrected average. The deaths attributed directly to *influenza* numbered 5, having been 6, 5, and 13 in the preceding three weeks.

Different forms of violence caused 79 deaths, concerning all but 5 of which inquests were held. Of these 79 deaths, 15 were cases of suicide, while the remaining 64 were attributed to accident or negligence. Six of these were referred to vehicles in the streets, 6 to burns and scalds, 2 to the effects of anæsthetics administered for surgical purposes, and 11 (including 10 of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3408 cases of scarlet fever, 1659 of diphtheria, and 331 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 447 cases, against 409, 461, and 455; of diphtheria, 269 cases, against 240, 245, and 271; and of enteric fever, 50 cases, against 52, 68, and 70.

#### GREATER LONDON.

In Greater London 3,658 births and 2,049 deaths were registered, corresponding to annual rates of 29·2 and 16·4 per 1000 of the estimated population. In the Outer Ring 7 deaths from measles, 2 from scarlet fever, 10 from diphtheria, 4 from whooping-cough, 9 from “fever,” and 9 from diarrhoea were registered. Five deaths from measles, 4 from diphtheria, and 6 from “fever” occurred in West Ham District. A death from diphtheria of a person belonging to West Ham District occurred in the London Fever Hospital.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 30·07 inches, and that of the Thermometer 47°·4; the latter being 2°·1 below the week's average in the 50 years 1841-90. The direction of the wind was easterly, the horizontal movement of the air being 34 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 43·3 hours; no rain was measured during the week.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases, the diagnosis is found after sojourn in the Hospital to have been erroneous.



CITIES AND BOROUGHES.	POPULATION estimated to the middle of the Year 1899.*	Registered during the Week ending 21st Oct. 1899.		Deaths of Persons aged 1 Year or more.		Deaths from										Deaths in Public Institutions.		Unidentified Causes of Death.		From All Causes.		From Coll. 9-12.		Mean.		RAINFALL.		CITIES AND BOROUGHES.
		BIRTHS.	DEATHS.	Infants under 1 Year of Age.	Persons aged 1 Year or more.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Typhoid.	Diarrhoea.	Violence.	Inquest Cases.		Deaths in Public Institutions.	Unidentified Causes of Death.	From All Causes.	From Coll. 9-12.	Highest.	Lowest.	Fahrenheit.	Centigrade.	In Inches.	In Centi- metres.			
														1.	2.											3.	4.	
33 TOWNS	11,404,408	6826	4160	956	1071	-	75	33	129	35	82	103	192	341	994	48	190	21	656	289	462	789	001	003	-	-	33 TOWNS.	
LONDON	4,646,752	2529	1567	318	434	-	26	6	60	6	15	25	79	153	558	4	180	16	622	367	474	856	000	000	-	-	LONDON.	
WEST HAM	300,241	200	106	24	27	-	5	-	3	-	5	-	9	13	18	1	184	23	-	-	-	-	-	-	-	-	WEST HAM.	
CROYDON	127,759	54	24	8	10	-	1	-	-	-	-	-	-	1	-	-	98	0	820	305	441	672	000	000	-	-	CROYDON.	
BRIGHTON	123,226	51	31	4	12	-	-	-	2	-	-	-	-	-	10	-	131	13	634	386	513	1072	000	000	-	-	BRIGHTON.	
PORTSMOUTH	190,741	104	58	13	15	-	2	-	4	1	3	5	3	5	11	-	159	41	625	395	500	1000	000	000	-	-	PORTSMOUTH.	
PLYMOUTH	160,637	58	43	11	11	-	3	-	1	-	1	3	5	3	5	-	223	31	-	-	-	-	-	-	-	-	PLYMOUTH.	
BRISTOL	320,911	192	146	20	64	-	2	-	1	1	1	3	2	12	24	-	237	11	656	320	465	806	006	015	-	-	BRISTOL.	
CARDIFF	185,826	114	54	12	10	-	-	-	-	1	2	2	6	9	8	-	152	17	-	-	-	-	-	-	-	-	CARDIFF.	
SWANSEA	103,722	54	27	7	11	-	-	-	2	-	-	-	-	-	-	-	136	10	-	-	-	-	-	-	-	-	SWANSEA.	
WOLVERHAMPTON	88,821	61	33	8	7	-	-	-	2	-	1	2	2	4	4	1	194	29	598	289	424	578	000	000	-	-	WOLVERHAMPTON.	
BIRMINGHAM	514,956	360	193	58	47	-	2	2	6	-	1	8	9	11	32	4	195	19	-	-	-	-	-	-	-	-	BIRMINGHAM.	
NORWICH	113,266	69	25	9	8	-	-	-	-	1	-	-	-	1	4	-	115	14	642	288	475	861	001	003	-	-	NORWICH.	
LEICESTER	213,851	117	68	19	18	-	-	-	1	1	-	3	4	6	6	1	168	12	-	-	-	-	-	-	-	-	LEICESTER.	
NOTTINGHAM	239,384	136	73	8	25	-	1	1	1	-	8	2	4	6	16	-	159	28	640	298	453	739	000	000	-	-	NOTTINGHAM.	
DERBY	106,401	60	22	6	7	-	-	-	-	-	-	1	1	3	2	-	108	05	-	-	-	-	-	-	-	-	DERBY.	
BIRKENHEAD	115,162	74	37	11	9	-	4	-	-	-	2	-	1	1	7	-	168	27	-	-	-	-	-	-	-	-	BIRKENHEAD.	
LIVERPOOL	634,212	510	345	85	74	-	6	3	6	8	7	10	20	26	100	16	284	33	618	319	483	906	000	000	-	-	LIVERPOOL.	
BOLTON	162,221	87	57	12	9	-	-	-	-	-	2	2	2	3	7	-	183	13	-	-	-	-	-	-	-	-	BOLTON.	
MANCHESTER	543,002	377	246	60	61	-	2	-	1	3	2	3	15	24	47	5	236	11	-	-	-	-	-	-	-	-	MANCHESTER.	
SALFORD	218,244	152	102	26	22	-	3	4	1	3	3	6	5	7	22	-	244	48	-	-	-	-	-	-	-	-	SALFORD.	
OLDHAM	150,772	74	50	8	9	-	-	-	-	-	2	1	1	3	8	-	173	21	-	-	-	-	-	-	-	-	OLDHAM.	
BURNLEY	113,081	47	42	12	10	-	3	3	-	-	-	-	-	1	2	4	1	194	28	-	-	-	-	-	-	-	BURNLEY.	
BLACKBURN	135,154	59	51	17	13	-	1	-	3	2	1	4	3	3	2	1	197	42	-	-	-	-	-	-	-	-	BLACKBURN.	
PRESTON	117,622	70	42	18	6	-	-	1	1	-	1	6	-	-	3	1	186	40	-	-	-	-	-	-	-	-	PRESTON.	
HUDDESFIELD	103,464	48	35	5	13	-	-	-	-	-	-	1	2	1	4	2	176	05	612	295	437	650	000	000	-	-	HUDDESFIELD.	
HALIFAX	97,721	51	30	7	7	-	-	-	-	-	-	-	3	4	3	-	160	-	-	-	-	-	-	-	-	-	HALIFAX.	
BRADFORD	236,241	103	89	20	16	-	3	1	2	-	-	3	-	2	9	-	196	26	618	330	438	656	000	000	-	-	BRADFORD.	
LEEDS	428,380	260	157	35	35	-	3	2	13	6	3	3	2	7	17	-	193	33	-	-	-	-	-	-	-	-	LEEDS.	
SHEFFIELD	361,169	260	143	25	29	-	5	1	14	-	9	4	5	8	25	6	206	48	-	-	-	-	-	-	-	-	SHEFFIELD.	
HULL	234,270	167	76	28	9	-	1	2	1	1	6	3	5	11	12	2	169	31	600	300	442	678	000	000	-	-	HULL.	
SUNDERLAND	145,613	106	56	16	17	-	-	1	-	-	2	3	2	4	11	3	201	21	-	-	-	-	-	-	-	-	SUNDERLAND.	
GATESHEAD	106,552	86	43	16	12	-	-	-	-	-	2	1	1	1	4	-	210	24	-	-	-	-	-	-	-	-	GATESHEAD.	
NEWCASTLE	223,625	136	89	30	14	-	2	2	2	1	1	-	4	6	10	-	203	18	-	-	-	-	-	-	-	-	NEWCASTLE.	

\* See note on first page of this report.



TABLE 2. LONDON.—Births and Deaths Registered in the FORTY-SECOND Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2518	2412	2562	2446	2559	2516	2629	2516	2610	2468	2655.1	2529
Males - -	1287	1253	1276	1230	1248	1303	1308	1261	1342	1248	1342.0	1284
Females - -	1231	1159	1286	1216	1311	1213	1321	1255	1268	1220	1313.1	1245
<b>TOTAL Deaths</b>	1410	1741	1423	1449	1554	1336	1518	1333	1442	1497	1546.4	1567
Males - -	721	892	711	783	808	693	766	706	703	795	797.8	789
Females - -	689	849	717	666	746	643	752	627	734	702	748.6	778

\* The numbers in this column are the average weekly numbers in the forty-second week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	July 29.	Aug. 5.	Aug. 12.	Aug. 19.	Aug. 26.	Sept. 2.	Sept. 9.	Sept. 16.	Sept. 23.	Sept. 30.	Oct. 7.	Oct. 14.	Oct. 21.
<b>TOTAL Births</b>	-	2494	2577	2214	2671	2646	2532	2442	2675	2531	2389	2540	2549
<b>TOTAL Deaths</b>	-	1884	2200	2063	2208	2100	1931	1934	1643	1649	1456	1564	1637
Ages at Death													
(Under 1 year - -	-	805	1049	1015	1043	916	805	744	572	592	379	359	333
1-5 years - -	-	223	237	242	242	254	265	250	187	188	159	172	182
5-20 " - -	-	98	99	74	83	89	80	75	80	106	80	86	89
20-40 " - -	-	161	203	163	204	229	181	215	201	204	173	219	238
40-60 " - -	-	269	310	259	286	290	261	313	282	309	330	339	330
60-80 " - -	-	264	238	244	262	264	285	267	259	269	280	316	378
80 years and upwards	-	64	64	41	71	63	74	70	62	71	65	73	87
Deaths from—													
Small pox - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles - -	-	56	60	54	48	52	34	33	17	17	15	21	20
Scarlet Fever - -	-	5	6	8	8	7	5	5	2	8	4	7	6
Diphtheria - -	-	35	44	26	33	29	29	24	22	42	44	55	56
Whooping-cough - -	-	19	27	16	28	18	31	25	16	19	23	10	10
Typhus - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever - -	-	13	13	12	11	16	18	12	18	24	19	19	21
Simple Continued Fever - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery and Cholera - -	-	350	477	463	481	426	368	322	233	9	162	81	53
Cholera - -	-	12	21	21	16	21	22	8	9	6	2	2	2
All the above Diseases - -	-	490	648	600	625	569	507	429	317	278	193	167	165
Dis. of Respiratory System - -	-	169	157	163	148	169	131	170	133	138	156	215	275
Phthisis - -	-	112	145	134	151	152	140	167	183	139	157	173	180
Dis. of Circulatory System - -	-	123	110	96	114	112	114	132	110	134	124	157	170
Violence - -	-	82	91	72	70	60	65	62	71	57	71	76	79
Inquest Cases - -	-	156	161	151	153	139	134	160	145	147	135	148	144
Deaths in Public Institutions - -	-	462	521	451	517	526	484	559	404	482	481	501	541
<b>TEMPERATURE OF THE AIR.</b>													
Mean - -	-	64.8	67.5	68.8	68.5	69.4	69.5	69.6	57.5	54.6	52.1	49.3	47.3
Mean of Highest readings - -	-	75.4	78.8	74.6	77.4	79.8	74.1	76.5	67.0	63.5	61.0	56.6	58.9
Mean of Lowest readings - -	-	55.3	57.3	55.7	57.2	53.6	55.2	55.2	48.8	48.2	45.5	42.6	39.4
Humidity of the Air - -	-	67	69	73	64	63	71	70	73	68	76	86	82
Rain-fall (in inches) - -	-	0.97	0.09	0.02	0.00	0.00	0.29	0.54	0.27	0.33	1.01	0.50	0.12
Registered Sunshine (in hours) - -	-	63.6	79.7	54.9	49.4	74.8	53.4	47.5	23.5	38.3	32.5	12.2	38.9
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - -	-	-	1	-	-	-	-	-	-	-	-	-	-
Scarlet Fever - -	-	2667	2704	2674	2613	2548	2538	2549	2640	2758	23.6	3003	3217
Diphtheria - -	-	1545	1526	1519	1508	1512	1502	1461	1486	1474	1.87	1519	1595
Enteric Fever - -	-	131	153	183	196	203	213	224	228	235	252	275	308

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-SECOND Week of the Year 1899.

		In the Week ending Saturday, 21st October 1899.												In the Week ending Saturday, 21st October 1899.																					
		Deaths of Persons of the Ages												Deaths of Persons of the Ages																					
		ALL AGES.												ALL AGES.																					
		Under 20.			20 and under 40.			40 and under 60.			60 and under 80.			80 years and upwards.					Under 20.			20 and under 40.			40 and under 60.			60 and under 80.			80 years and upwards.				
		0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.			0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.			0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.			0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
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CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week 1889-98.												Corrected Averages for the 42nd Week 1889-98.																					
CAUSES OF DEATH		Corrected Averages for the 42nd Week																																	

The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

On those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the evidence of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered in the SUB-DISTRICT during the Week ending Saturday, 21st October, 1899.

The DEATHS registered during the Week include																		
REGISTRATION SUB-DISTRICTS.	Enu- me- rated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from												Inquest Cases.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.			
LONDON -	4,411,710	2,529	1,567	318	434	-	26	6	60	6	-	15	-	25	79	153	58	
WEST DISTRICTS	778,251	365	265	47	98	-	1	-	1	1	-	2	-	3	18	32	9	
NORTH DISTRICTS	1,040,694	536	341	74	91	-	4	2	17	2	-	2	-	1	21	36	12	
CENTRAL DISTRICTS	233,635	132	75	17	8	-	1	-	1	1	-	2	-	5	13	5	1	
EAST DISTRICTS	716,334	468	301	71	80	-	8	-	5	1	-	1	-	7	16	34	11	
SOUTH DISTRICTS	1,642,796	1,028	554	108	146	-	12	3	36	2	-	8	-	14	19	38	16	
METROPOLITAN HOSPITALS } AND ASYLUMS OUTSIDE } REGISTRATION LONDON* }	-	-	31	1	11	-	-	1	-	-	-	-	-	-	-	-	-	
WEST DISTRICTS.																		
St. Mary Paddington } G. & W.	90,996	46	25	5	16	-	-	-	-	-	-	-	-	-	1	1	-	
WHH																		
St. John Paddington H - - G.	33,510	6	15	1	4	-	-	-	1	-	-	-	-	-	3	3	1	
Kensington Town Ww - - W.	122,164	55	56	9	24	-	-	-	-	-	-	1	-	-	2	5	2	
Brompton HH - - W. & C.	48,301	15	8	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
North Hammersmith† H } W. & G.	44,638	26	11	3	2	-	-	-	-	-	-	-	-	-	1	2	2	
South Hammersmith† H }	59,561	23	13	4	6	-	-	-	-	-	-	-	-	-	2	2	1	
Fulham Ww - - W. & C.	113,781	97	44	11	14	-	1	-	-	-	-	1	-	3	5	1	-	
Chelsea Kensal Town - - C.	21,450	12	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chelsea North WHHHH - - C.	42,057	17	20	2	10	-	-	-	-	-	-	-	-	-	1	3	-	
Chelsea South HH - - C.	33,139	10	9	2	1	-	-	-	-	1	-	-	-	-	-	-	-	
May Fair W - - - G.	23,827	5	19	1	7	-	-	-	-	-	-	-	-	-	4	4	1	
Belgrave WHHH - - - C.	56,140	19	16	2	3	-	-	-	-	-	-	-	-	-	3	3	-	
St. John Westminster HH - - C.	31,492	17	13	3	6	-	-	-	-	-	-	-	-	-	1	3	-	
St. Margaret Westminster H- C.	22,097	3	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Westminster } N. & G.	23,050	6	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	
WH																		
St. Anne Soho HHHHH - N.	12,048	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH DISTRICTS.																		
All Souls Marylebone } - - W.	36,595	9	17	-	8	-	-	-	1	-	-	-	-	-	1	2	-	
HHHHHHHHH																		
Rectory Marylebone W } G. & W.	19,798	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary Marylebone } G. & W.	19,637	22	8	3	3	-	-	-	-	-	-	-	-	-	-	-	-	
HHHH																		
Christchurch Marylebone H - W	32,547	16	7	3	1	-	-	-	-	-	-	-	-	-	-	2	-	
St. John Marylebone HHH - W.	32,611	11	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-	
Hampstead } - N. & W.	75,449	27	22	4	6	-	-	6	-	-	-	-	-	-	3	3	-	
WwHHHH																		
Regent's Park Pancras HH - W.	37,341	19	9	4	1	-	-	-	-	-	-	-	-	-	1	2	-	
Tottenham-court } - N. & W.	26,757	12	21	3	5	-	-	-	1	-	-	-	-	-	1	2	1	
WHHHHHH																		
Gray's Inn Lane HHHH - N.	29,426	14	16	4	2	-	-	-	-	-	-	-	-	-	2	4	-	
Somers Town HH - - N.	32,161	22	12	6	4	-	-	-	-	-	-	-	-	-	1	2	3	
Camden Town WH - - N.	16,669	13	15	3	7	-	-	-	-	-	-	-	-	-	1	1	1	
Kentish Town WW - - N.	98,410	57	24	4	6	-	-	1	-	-	-	-	-	-	1	2	-	
Upper Holloway } - - N.	98,273	49	58	7	20	-	-	-	1	1	-	2	-	-	4	4	3	
WWWWWHH																		
Islington South-west H - N.	107,365	71	33	11	2	-	4	-	-	-	-	-	-	-	-	1	2	
Islington South-east - - N.	66,549	37	14	3	2	-	-	-	-	-	-	-	-	-	1	2	-	
Highbury HH - - N.	64,577	30	15	3	4	-	-	-	-	1	-	-	-	-	1	1	-	
Stoke Newington H - - N.	33,485	15	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	
North Hackney - - E. & N.		16	7	-	3	-	-	1	-	-	-	-	-	-	1	2	-	
Central Hackney ww - E. & N.		26	15	2	2	-	-	1	7	-	-	-	-	-	-	-	-	
South-west Hackney HHH E. & N.	213,044	28	18	6	4	-	-	-	-	-	-	-	-	-	-	1	-	
South-east Hackney WwH E. & N.		35	18	6	6	-	-	-	-	-	-	-	-	-	2	4	-	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated in the same: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. signifying Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. River; E. East London; and K. the Kent Company.

\* See note † on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and re-named North Hammersmith and South Hammersmith, respectively.



5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 21st October, 1899—continued.

REGISTRATION SUB-DISTRICTS		Enu- mer- ated Popu- lation 1906.	Total BIRTHS.	The DEATHS registered during the Week include																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				Total DEATHS	Deaths of		Deaths from											Inquest Cases	Deaths in Public Institutions	Uncertified Causes of Death																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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\* The Sub-Districts of St Botolph and Broad Street were united on 1st September 1899.

† Population in 1891, not included in the total population of the Central Districts or of London.

St. James's Clerkenwell Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 21st October, 1899—*continued*.

REGISTRATIONS		SUB-DISTRICTS		Enu- mer- ated Popu- lation, 1896.	Total Births.	Total Deaths.		The DEATHS registered during the Week include										
						Infants under 1 Year of Age.	Persons aged 10 Years and upwards.	Deaths from										
								Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erisipia (or Typhoid) Fever.	Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.
SOUTH DISTRICTS.																		
Christchurch	Southwark	WHL & S.		13,064	6	4	1	1	-	-	-	-	-	-	-	-	-	-
St. Saviour	Southwark	-	-	12,301	6	4	2	1	-	1	-	-	-	-	-	-	-	-
Kent-road	-	S. & L.	-	22,879	15	4	1	1	-	-	-	-	-	-	-	-	-	-
Borough-road	WH	-	-	16,083	9	10	1	2	-	1	-	-	-	-	-	1	1	3
London-road	HL	-	-	21,316	12	4	-	3	-	-	-	-	-	-	-	-	-	-
Trinity	Newington	-	-	28,723	17	6	2	-	-	-	-	1	-	-	-	-	-	-
St. Peter	Walworth	W	-	62,045	40	16	5	3	-	1	-	-	-	-	-	1	1	2
St. Mary	Newington-	-	-	30,171	30	9	2	4	-	-	-	1	-	-	-	-	-	2
St. Olave	WH	-	-	11,731	6	11	-	-	-	-	-	-	-	1	-	-	3	-
Bermondsey	W	-	-	85,475	50	25	3	5	-	1	-	-	-	-	-	1	1	2
Rotherhithe	Ww	-	-	40,379	23	24	5	8	-	1	-	-	-	-	-	-	-	-
Waterloo-road	HH	-	-	28,396	30	17	3	1	-	1	-	-	-	-	-	1	1	1
Lambeth Church 1st	H	-	-	18,770	15	12	1	1	-	-	-	1	-	-	-	2	2	2
Lambeth Church 2nd	WW	-	-	40,994	26	35	4	12	-	-	-	2	-	-	-	-	-	-
Kennington 1st	H	-	-	52,466	27	16	4	7	-	-	-	-	-	-	-	1	1	1
Kennington 2nd	-	-	-	43,244	19	6	2	2	-	-	-	-	-	-	-	-	1	1
Brixton	w	-	-	81,825	54	15	4	2	-	-	-	3	-	1	-	1	1	1
Norwood	WH	-	-	29,318	11	7	1	3	-	-	-	-	-	-	-	-	-	1
East Battersea	-	-	-	71,730	51	16	4	2	-	2	-	-	-	-	-	-	2	2
West Battersea	WwH	-	-	93,385	56	30	8	9	-	-	-	1	-	-	-	1	2	4
Clapham	H	-	-	46,953	33	9	-	4	-	-	-	-	-	-	-	-	-	-
Wandsworth	WHHL	-	-	58,101	37	11	4	2	-	1	-	1	-	-	-	-	-	-
Putney	-	-	-	20,566	12	8	2	3	-	-	-	-	-	-	-	-	-	-
Streatham	WwwwL	-	-	61,644	34	23	1	3	-	-	1	10	-	2	-	-	-	-
Dulwich	-	-	-	7,519	7	1	-	1	-	-	-	-	-	-	-	-	-	-
Camberwell	Wwll	-	-	90,286	52	55	9	18	-	-	-	1	-	-	-	-	2	3
Peckham	WW	-	-	88,242	51	31	15	8	-	-	-	-	-	-	-	2	1	2
St. George	Camberwell	-	-	67,029	46	11	3	3	-	3	-	-	-	1	-	-	-	1
Deptford North	-	-	-	36,152	28	8	2	1	-	-	-	-	-	-	-	2	-	-
Deptford Central	w	-	-	45,441	26	17	4	2	-	-	1	6	-	-	-	-	-	1
Deptford South	-	-	-	33,402	16	4	-	2	-	-	-	-	-	-	-	-	-	-
Greenwich West	H	-	-	23,012	16	3	-	1	-	-	-	-	-	-	-	-	-	-
Greenwich East	WH	-	-	37,767	27	33	3	14	-	-	-	-	-	-	-	1	1	3
Eltham	wH	-	-	5,911	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Lee	H	-	-	24,222	6	7	-	5	-	-	-	1	-	-	-	-	-	-
Lewisham	WwH	-	-	36,139	26	22	3	4	-	-	-	3	-	3	-	-	-	-
Sydenham	H	-	-	37,601	15	4	1	1	-	-	-	-	-	-	-	1	-	-
Charlton	wHB	-	-	15,928	12	12	2	-	-	-	-	6	-	-	-	-	1	-
Woolwich Dockyard	-	-	-	19,355	15	3	-	2	-	-	-	-	-	-	-	-	-	-
Woolwich Arsenal	HHHH	-	-	21,959	15	3	1	1	-	-	-	1	-	-	-	1	-	-
Plumstead West	H	-	-	16,714	13	4	-	3	-	-	-	-	-	-	-	-	-	1
Plumstead East	WH	-	-	42,538	36	14	5	2	-	-	-	-	-	-	-	-	-	1
Banstead Asylum	-	-	-	-	-	5	-	3	-	-	-	-	-	-	-	-	-	-
Horton Asylum, Epsom	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Caterham Asylum	-	-	-	-	-	3	-	1	-	-	-	-	-	-	-	-	-	-
Cane Hill Asylum	-	-	-	-	-	4	-	1	-	-	-	-	-	-	-	-	-	-
Hospital Ships and Camp, Dartford	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Darenth Asylum	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
London County Asylum, Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heath	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-
Hanwell Asylum	-	-	-	-	-	3	-	1	-	-	-	-	-	-	-	-	-	-
Colney Hatch Asylum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N.E. Hospital	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-
Winchmore Hill Hospital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leavesden Asylum	-	-	-	-	-	4	-	1	-	-	-	-	-	-	-	-	-	-
Claybury Asylum	-	-	-	-	-	5	-	3	-	-	-	-	-	-	-	-	-	-

6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 21st October, 1899.

REGISTRATION SUB-DISTRICTS	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include														
					Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.					
DON—OUTER RING	368,749	1,422,063	1,129	482	124	147	-	7	2	10	4	9	9	22	38	70	5		
Carshalton <i>wHH</i>	12,228	26,108	9	7	1	2	-	-	-	1	-	-	-	1	1	1	-		
Epsom, <i>part of</i> * <i>WwHH</i>	10,423	12,508	4	4	1	3	-	-	-	-	-	-	-	-	-	-	-		
Godstone, <i>part of</i> * <i>W</i>	2,754	1,598	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Croydon <i>WwHHH</i>	20,851	128,699	64	29	8	11	-	1	-	-	-	-	1	2	3	2	-		
Mitcham <i>w</i>	11,697	23,072	17	7	1	2	-	-	-	1	-	-	-	2	3	-	-		
Wimbledon <i>HHH</i>	3,220	25,777	20	7	1	3	-	-	-	-	-	-	-	-	-	-	-		
Kingston <i>WH</i>	-	33,566	21	17	2	7	-	-	-	-	-	1	-	-	-	10	-		
Surbiton <i>H</i>	-	12,178	2	3	-	2	-	-	-	-	-	-	-	-	-	-	-		
Esher, <i>part of</i> * <i>HH</i>	14,672	11,080	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hampton <i>HL</i>	-	18,252	6	5	1	1	-	-	-	1	-	-	-	-	1	-	-		
Richmond <i>WH</i>	-	2,160	25,389	8	5	1	2	-	-	-	-	-	1	-	-	4	-		
Mortlake <i>H</i>	-	2,823	16,159	10	3	1	1	-	-	-	-	-	-	-	-	-	-		
Bromley <i>HHH</i>	-	9,127	23,815	12	5	-	3	-	-	-	-	-	-	-	-	-	-		
Beckenham <i>H</i>	-	6,542	21,969	12	7	-	2	-	-	-	-	-	-	-	-	1	-		
Chislehurst, <i>part of</i> * <i>WHH</i>	14,307	20,372	9	9	-	4	-	-	-	-	-	-	-	-	1	4	-		
Bexley <i>HHH</i>	-	12,540	30,590	34	10	6	3	-	-	-	-	-	-	-	-	1	-		
Dartford <i>WH, part of</i> *	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Sunbury <i>w</i>	-	11,054	13,671	17	4	1	2	-	-	-	-	-	-	-	-	-	-		
Staines <i>WH</i>	-	13,277	13,221	9	3	1	-	-	-	-	-	-	-	-	-	2	-		
Hillingdon <i>WHH</i>	-	6,035	12,297	4	8	3	2	-	-	-	-	-	-	1	1	2	-		
Uxbridge	-	12,757	7,253	5	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hayes <i>wH</i>	-	7,952	11,051	12	1	-	1	-	-	-	-	-	-	-	-	-	-		
Isleworth <i>WHH</i>	-	6,967	26,004	21	11	1	6	-	-	-	-	-	-	-	-	4	-		
Twickenham <i>HH</i>	-	2,415	16,027	8	3	1	-	-	-	-	1	-	-	-	-	-	-		
Brentford <i>HHHH</i>	-	4,318	37,777	22	10	-	3	-	-	-	-	-	-	-	-	-	-		
Chiswick	-	1,245	21,963	25	8	3	3	-	-	-	-	-	-	-	-	-	-		
Acton <i>wHH</i>	-	6,132	30,945	17	6	1	2	-	-	-	1	-	-	-	-	-	-		
Harrow <i>HHH</i>	-	13,809	15,715	17	2	-	-	-	-	-	-	1	-	-	-	-	-		
Edgware <i>HH</i>	-	6,994	3,844	-	1	1	-	-	-	-	-	-	-	-	-	-	-		
Willesden <i>HHH</i>	-	4,383	61,265	57	21	8	3	-	-	1	1	1	-	-	-	1	1		
Hendon <i>WH</i>	-	5,382	15,843	16	6	4	1	-	-	-	-	-	-	-	-	-	-		
South Mimms <i>HH</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Barnet <i>WHH</i>	-	21,077	6,367	1	2	-	1	-	-	-	-	-	-	-	-	-	-		
Finchley <i>HHH</i>	-	-	14,152	8	2	-	1	-	-	-	-	-	-	-	-	1	-		
-	-	4,688	25,820	15	2	1	1	-	-	-	-	-	-	-	-	-	-		
Hornsey <i>HH</i>	-	3,039	61,097	33	17	4	8	-	-	-	-	-	-	-	1	-	-		
Tottenham <i>HH</i>	-	4,642	97,174	92	34	10	11	-	-	-	-	-	-	1	3	8	-		
Edmonton <i>WwW</i>	-	7,489	36,351	35	22	9	6	-	-	-	-	1	-	1	1	1	2		
Enfield <i>WwHH</i>	-	12,602	31,536	18	9	3	3	-	-	1	-	-	-	-	-	-	1		
Waltham Abbey	-	11,017	6,066	2	1	-	1	-	-	-	-	-	-	-	-	-	-		
Cheshunt <i>H</i>	-	8,480	9,620	4	1	-	-	-	-	-	-	-	-	-	-	-	-		
Hatfield, <i>part of</i> * <i>W</i>	-	3,306	582	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bushey <i>H</i>	-	9,331	7,737	3	1	-	1	-	-	-	-	-	-	-	-	-	-		
Watford <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Stratford <i>H</i>	-	-	38,612	28	18	6	3	-	2	-	-	-	-	-	2	3	3		
Plaistow <i>WHHH</i>	-	-	53,030	74	24	7	5	-	1	-	-	1	2	-	2	3	2		
Canning Town <i>H</i>	-	-	54,750	65	37	11	6	-	2	-	1	-	2	-	4	4	2		
Forest Gate <i>w</i>	-	-	53,511	33	16	-	9	-	-	-	-	-	-	-	1	3	-		
East Ham <i>wHH</i>	-	3,266	32,713	62	21	13	3	-	-	-	-	-	3	-	1	1	-		
Leyton <i>WwWwH</i>	-	4,334	70,188	73	32	5	10	-	-	-	-	-	-	-	1	2	14		
Walthamstow <i>HHHHL</i>	-	6,501	57,330	72	20	5	3	-	-	1	2	1	1	2	1	1	2		
Chigwell, <i>part of</i> * <i>HHHH</i>	11,779	12,941	5	2	1	1	-	-	-	-	-	-	-	-	-	-	-		
Epping <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Romford, <i>part of</i> * <i>WH</i>	-	6,556	4,324	6	1	-	1	-	-	-	-	-	-	-	-	1	-		
Uford	-	8,493	10,913	15	8	1	2	-	-	-	-	-	-	-	-	-	-		
Barking Town, <i>H</i>	-	3,814	14,301	15	4	1	1	-	-	-	-	-	-	-	-	-	-		
London Fever Hospital, Islington.	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	1	-		
N.E. Fever Hospital, Tot- tenham.	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-		

parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warringham and Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,188); 188: 1, the



TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 21st October, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include									
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from							
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Wounds.
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
GREATER LONDON	443,421	6,528,434	16·4	1·4	2049	442	581	-	33	8	70	10	24	34	10
INNER LONDON -	74,672	4,546,752	18·0	1·6	1567	318	434	-	26	6	60	6	15	25	7
OUTER RING -	368,749	1,981,682	12·7	1·1	482	124	147	-	7	2	10	4	9	9	2

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZY DISEASES.					
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.
EDINBURGH -	298,927	Oct. 21	164	103	18·0	-	-	1	-	-	-
GLASGOW -	733,903	" 21	475	266	18·9	-	12	4	2	2	-
DUBLIN -	349,594	" 21	188	250	37·3	-	52	1	2	1	-
CALCUTTA -	466,460	Sept. 16	-	226	25·2	-	-	-	-	-	7
BOMBAY -	821,764	" 26	222	623	39·4	5	10	?	?	?	16
MADRAS -	452,518	" 15	419	341	39·1	1	3	?	?	?	8
PARIS -	2,511,629	Oct. 14	1123	864	17·8	-	-	1	2*	3	2
BRUSSELS -	561,131	" 14	226	180	16·7	-	-	-	-	1	-
AMSTERDAM -	517,595	" 7	297	124	12·4	-	-	-	-	3	-
ROTTERDAM -	315,305	" 7	221	103	16·9	-	-	2	1	-	-
THE HAGUE -	199,585	" 7	118	56	14·6	-	-	-	2	3	-
COPENHAGEN -	349,000	" 14	232	91	13·6	-	-	2	1	1	-
STOCKHOLM -	291,580	" 7	154	83	14·8	-	-	-	4*	-	-
CHRISTIANIA -	221,255	" 14	105	47	11·0	-	-	1	-	-	-
ST. PETERSBURG -	1,132,677	" 7	514	447	20·6	-	7	9	23	4	2
MOSCOW -	988,610	" 7	-	442	23·3	1	7	-	8	1	-
BERLIN -	1,818,517	Sept. 30	-	-	-	-	-	-	-	-	-
HAMBURG -	675,351	Oct. 14	-	184	14·2	-	-	-	6*	1	-
DRESDEN -	397,300	Sept. 23	-	147	19·3	-	1	-	-	6	-
BRESLAU -	406,012	Oct. 14	-	164	21·1	-	-	-	1	4	-
MUNICH -	445,000	" 14	-	-	-	-	-	-	-	-	-
VIENNA -	1,623,134	" 7	865	519	16·5	-	4	6	2*	5	-
PRAGUE -	384,622	" 7	190	150	20·3	-	-	3	4	2	-
BUDA-PESTH -	666,722	" 7	438	267	20·8	-	-	7	3	1	-
TRIESTE -	168,599	Sept. 30	98	73	22·2	-	-	3	-	1	-
ROME -	508,779	" 23	235	137	14·0	-	-	-	-	-	-
TURIN (10 days)	344,203	Aug. 20	188	147	15·6	-	1	-	-	-	-
VENICE -	172,288	Sept. 30	80	58	-	-	-	-	3*	-	-
CAIRO -	570,062	Aug. 12	458	454	41·4	-	21	-	8*	-	1
ALEXANDRIA -	319,766	" 12	198	193	31·4	2	-	-	1*	1	-
NEW YORK (including BROOKLYN)	3,550,053	Sept. 16	1611	1124	16·5	-	6	4	15	10	1
PHILADELPHIA -	1,266,832	" 30	-	364	15·0	-	-	-	14	5	-

\* Including deaths from croup.

† Including 33 deaths from plague in Calcutta, 82 in Bombay, and 2 in Alexandria.

1899.

1899.		Phases of the Moon.	Mean daily reading (corrected to 32° Fahrenheit).	Of the Air.				Of the Dew Point Temperature.		Degrees of humidity (Saturation equals 100).	Of Radiation.		Of the Earth 3 feet below the Surface.	General Direction.		Oiler's.		Pressure on the Square Foot.		Robinson's.	Corrected Gauge whose receiving inches above the ground.		
MONTH AND DAY	High-est.			Low-est.	Daily Range.	Mean daily Average value.	De-parture from Average value.	Mean daily value.	Great-est.		Least.	Highest Sun's Rays.		Lowest on the Grass.	A.M.	P.M.	Great-est.	Least.	Mean hourly obs.			Horizontal Movement of the Air on each Day.	Departure from Average of 16 days.
OCTOBER.																							
SUNDAY	- 15	..	29 555	535	395	140	472	- 27	306	150	57	67	289	5351	°	ENE, E. & ESE.	E.	lbs. 6.3	0.0	lbs. 0.7	337	+101	0.0
MONDAY	- 16	In Eqr. Perigee	29 764	563	407	156	487	- 11	422	65	122	78	329	5317	°	E. & ESE.	E. & ESE.	1.8	0.0	0.2	236	- 23	0.0
TUESDAY	- 17	..	29 945	600	421	179	504	+ 08	428	76	150	75	309	5290	°	E.	E.	1.4	0.0	0.0	170	- 92	0.0
WEDNESDAY	18	Full	30 190	622	367	255	493	- 02	435	58	156	80	291	5272	°	E, ESE. & NE.	E. & ESE.	1.6	0.0	0.0	160	- 104	0.0
THURSDAY	- 19	..	30 224	593	370	213	464	- 29	421	43	175	85	220	5260	°	E.	E.	1.0	0.0	0.0	124	142	0.0
FRIDAY	- 20	..	30 190	593	381	218	461	- 29	422	39	167	86	280	5241	°	ENE.	ENE & E.	0.7	0.0	0.0	104	- 163	0.0
SATURDAY	- 21	..	30 232	460	420	40	434	- 54	434	0.0	21	100	469	5222	°	E, variable & calm.	SW. & calm.	0.1	0.0	0.0	56	- 212	0.0
MEANS		-	30 071	566	394	172	474	- 21	418	55	135	1.1	82	5279	°	E.	E.	..	..	..	Sum 1207	Sum -635	Sum 0.0
No. of Column		- 3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	..	..	..	25

DATE.		ELECTRICITY.		Registered Sunshine in hours.		Sun above Horizon in hours.		GENERAL REMARKS.	
OCTOBER.		(For explanation of symbols, see Note.)		in hours.		in hours.			
SUNDAY - 15		w. P. till 5h. A.M.; w. P. generally afterwards.		90		107		A very fine day, with small amounts of cloud. Hoar frost in morning.	
MONDAY - 16		w. P. till 10h. A.M.; w. P. generally afterwards.		70		106		Very fine generally; cloudy in afternoon.	
TUESDAY - 17		w. P. till 9h. A.M.; w. P. generally afterwards.		91		105		Very fine and cloudless throughout. Dense fog became prevalent at 11h. 30m. P.M.	
WEDNESDAY 18		w. P. generally afterwards.		86		105		Dense fog in morning; cloudless and very fine till 11h. P.M.; thick fog afterwards.	
THURSDAY - 19		m. P. till 2h. A.M.; Loss of Register till noon; m. P. till 5h. P.M.; w. P. afterwards.		54		104		Dense fog prevalent till 11h. A.M.; very fine and generally cloudless till 9h. P.M.; foggy afterwards.	
FRIDAY - 20		m. P. generally afterwards.		42		104		Dense fog till 10h. A.M.; fine and partially cloudy till 9h. P.M.; foggy at night. Upper portion of faint solar halo, with parheliac, observed in afternoon.	
SATURDAY - 21		w. P. throughout -		00		103		Dense fog prevalent throughout the day.	
No. of Col. -	-			Sum 433		Sum 734			
				28		29			

The results apply to the civil day or from midnight to midnight.  
 The height of the cistern of the barometer is 139 feet above the mean level of the sea;  
 no correction has been applied to the readings to reduce to sea level.  
 Observations are given taken at 9 A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of correction deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily degree of temperature of the air (column 9). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's hygrometrical tables. The average temperature of the air is transferred from a discussion of the observations made at Greenwich during the 60 years ending 1880, and that of horizontal movement of the air from a discussion of the meteorological records for the 16 years ending 1878. In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average.  
 The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.  
 The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.  
 The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.  
 The reading of the barometer decreased from 30.04 in. at the beginning of the week to 29.74 in. by 3h. P.M. on the 16th; increased to 30.26 in. by 10h. A.M. on the 19th; decreased to 30.14 in. by 4h. P.M. on the 20th; and increased to 30.25 in. by the end of the week.

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1899.



# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 43. 1899. VOL. LX.] WEEK ENDING SATURDAY, OCT. 28. [Price 1½d.

General Register Office, Somerset House,  
October 30th, 1899.

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 21·1 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Oct. 7.	Oct. 14.	Oct. 21.	Oct. 28.		Oct. 7.	Oct. 14.	Oct. 21.	Oct. 28.
33 Great Towns	18·8	18·6	19·0	21·1	Leicester - -	17·8	12·4	16·6	14·9
Birkenhead -	18·1	13·6	16·8	22·2	Liverpool - -	24·7	25·5	28·4	27·7
Birmingham -	20·4	17·2	19·5	20·5	London - - -	17·9	18·8	18·0	21·1
Blackburn - -	19·3	20·1	19·7	17·7	Manchester - -	24·0	21·9	23·6	24·4
Bolton - - -	15·1	19·9	18·3	19·0	Newcastle-on-Tyne	24·2	16·6	20·3	20·8
Bradford - -	16·3	18·1	19·6	21·0	Norwich - - -	14·7	11·5	11·5	13·4
Brighton - -	15·2	18·2	13·1	17·8	Nottingham - -	17·4	20·5	15·9	19·6
Bristol - - -	14·6	18·4	23·7	29·7	Oldham - - -	13·8	19·7	17·3	20·4
Burnley - - -	16·6	20·8	19·4	18·9	Plymouth - - -	17·1	20·2	22·3	14·0
Cardiff - - -	16·3	15·2	15·2	10·1	Portsmouth - -	16·9	16·7	15·9	19·1
Croydon - - -	16·7	15·5	9·8	12·7	Preston - - -	22·6	19·9	18·6	18·6
Derby - - -	16·7	13·2	10·8	12·7	Salford - - -	25·3	21·3	24·4	24·8
Gateshead - -	17·1	18·1	21·0	20·6	Sheffield - - -	22·4	19·6	20·6	27·3
Halifax - - -	13·9	12·8	16·0	14·4	Sunderland - -	23·3	20·1	20·1	23·3
Huddersfield -	13·6	17·1	17·6	14·1	Swansea - - -	12·1	15·1	13·6	21·1
Hull - - -	19·4	20·9	16·9	19·8	West Ham - - -	15·8	13·5	18·4	18·9
Leeds - - -	19·1	16·0	19·3	22·1	Wolverhampton -	20·5	20·5	19·4	19·4

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·1 in Nottingham, 1·2 in Salford, 1·4 in Sheffield, and 2·3 in Birkenhead; from *scarlet fever*, 1·4 in Burnley; from *whooping-cough*, 1·0 in Gateshead; from "*fever*," 1·1 in Nottingham and in Sunderland, and 1·4 in Sheffield; and from *diarrhoea*, 1·0 in Bristol, in Liverpool, in Salford, and in Gateshead, and 1·2 in Wolverhampton and in Manchester. The 130 deaths from *diphtheria* included 58 in London, 13 in Sheffield, 7 in Leeds, 6 in Portsmouth, 6 in Swansea, 6 in Birmingham, 5 in West Ham, 4 in Leicester, 3 in Liverpool, 3 in Manchester, and 3 in Blackburn. Four deaths from *small-pox* were registered in Hull, but not one in any other of the thirty-three towns.

#### LONDON.

In LONDON† 2495 BIRTHS and 1844 DEATHS were registered. Allowing for increase of population, the births were 178 below, and the deaths 304 above, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

17·9, 18·8, and 18·0 in the preceding three weeks, rose again last week to 21·1. During the four weeks ending on Saturday last the death-rate averaged 19·0 per 1000, being 1·7 per 1000 above the mean rate in the corresponding periods of the ten years 1889-98.

The 1844 deaths included 34 from measles, 14 from scarlet fever, 58 from diphtheria, 10 from whooping-cough, 40 from enteric fever, 17 from diarrhoea and dysentery, 1 from choleraic diarrhoea, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 174 deaths were referred to these diseases, being 4 below the corrected average weekly number.

The deaths from *measles*, which had been 21, 20, and 26 in the preceding three weeks, further rose last week to 34, and were 2 above the corrected average; 6 cases belonged to Wandsworth, 5 to Bethnal Green, and 4 to Battersea sanitary areas. The deaths from *scarlet fever*, which had been 7, 9, and 6 in the preceding three weeks, rose again last week to 14, but were 9 below the corrected average; 3 cases belonged to Camberwell sanitary area. The deaths from *diphtheria*, which had been 55, 56, and 60 in the preceding three weeks, fell again last week to 58, but were 5 above the corrected average; 6 cases belonged to St. Pancras, 5 to Lambeth, 4 to St. George Southwark, 4 to Camberwell, 3 to Newington, 3 to Bermondsey, 3 to Rotherhithe, 3 to Kensington, 3 to Bethnal Green, and 3 to Poplar sanitary areas. The deaths from *whooping-cough*, which had been 10, 10, and 6 in the preceding three weeks, rose again last week to 10, but were 11 below the corrected average. The fatal cases of *enteric fever*, which had been 19, 21, and 15 in the preceding three weeks, rose again last week to 40, which is the highest number registered in any week since November 1881, and is 22 above the corrected average; 6 cases belonged to Hackney, 4 to Limehouse, 4 to Battersea, 3 to St. Marylebone, and 3 to Shoreditch sanitary areas. The deaths from *diarrhoea*, which had been 53, 49, and 25 in the preceding three weeks, further fell last week to 17, and were 12 below the corrected average. Of the 17 deaths from diarrhoea, 16 were of children under 5 years of age; 19 more deaths at this age-period were described as due to *gastro-enteritis*. The deaths referred to diseases of the respiratory organs, which had been 215, 275, and 306 in the preceding three weeks, further rose last week to 478, and were 160 above the corrected average. The deaths attributed directly to *influenza* numbered 18, having been 5, 13, and 5 in the preceding three weeks.

Different forms of violence caused 63 deaths, concerning all but 1 of which inquests were held. Of these 63 deaths, 5 were cases of suicide, and 1 of homicide, while the remaining 57 were attributed to accident or negligence. Nine of these were referred to vehicles in the streets, 4 to burns and scalds, 5 to drowning, and 12 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3504 cases of scarlet fever, 1700 of diphtheria, and 342 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 414 cases, against 461, 455, and 447; of diphtheria, 259 cases, against 245, 271, and 269; and of enteric fever, 44 cases, against 68, 70, and 50.

#### GREATER LONDON.

In Greater London 3,468 births and 2,342 deaths were registered, corresponding to annual rates of 27·7 and 18·7 per 1000 of the estimated population. In the Outer Ring 7 deaths from measles, 2 from scarlet fever, 13 from diphtheria, 3 from whooping-cough, 20 from "fever," and 13 from diarrhoea were registered. Five deaths from measles, 6 from diphtheria, and 9 from "fever" occurred in West Ham District.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·95 inches, and that of the Thermometer 51°·8; the latter being 4°·0 above the week's average in the 50 years 1841-90. The direction of the wind was south-westerly, the horizontal movement of the air being 29 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 7·8 hours; the measured rainfall amounted to 1·30 inches.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases, the diagnosis is found after sojourn in the Hospital to have been erroneous.



CITIES AND BOROUGHS	POPULATION estimated at the middle of the Year 1899.*	Deaths of the Week ending 28th Oct. 1899.			Deaths from										Deaths corresponding to the Weak's Deaths.				Rainfall.		CITIES AND BOROUGHS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
		Infants under 1 Year of Age.			Persons aged 60 Years and upwards.			Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Rever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unclassified Causes of Death.	From All Causes.	From Diseases in Coll. 6-13.		Lowest.	Fahrenheit.	Centigrade.	In Inches.	In Cent.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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33 TOWNS.	11,404,408	6545	4623	1092	1149	4	98	36	130	37	93	89	146	356	1022	56	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	211

\* See note \* on first page of this return.



TABLE 2. LONDON.—Births and Deaths Registered in the FORTY-THIRD Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2580	2512	2603	2312	2590	2413	2447	2755	2540	2652	2672.8	2495
Males - -	1308	1252	1338	1170	1293	1232	1220	1426	1261	1369	1354.0	1261
Females - -	1272	1260	1265	1142	1297	1181	1227	1329	1279	1283	1318.8	1234
<b>TOTAL Deaths</b>	1310	1649	1343	1514	1487	1481	1470	1450	1514	1411	1539.7	1844
Males - -	686	850	687	777	762	740	744	773	814	725	795.2	941
Females - -	624	799	661	737	725	741	726	677	700	686	744.5	903

\*The numbers in this column are the average weekly numbers in the forty-third week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Aug. 5.	Aug. 12.	Aug. 19.	Aug. 26.	Sept. 2.	Sept. 9.	Sept. 16.	Sept. 23.	Sept. 30.	Oct. 7.	Oct. 14.	Oct. 21.	Oct. 28.
TOTAL Births - -	2577	2214	2671	2646	2532	2442	2675	2531	2399	2540	2549	2529	2495
TOTAL Deaths - - -	2200	2063	2208	2100	1931	1934	1643	1649	1456	1564	1637	1567	1844
Ages at Death	{ Under 1 year - -	1049	1015	1043	916	805	744	572	502	379	359	333	318
	{ 1-5 years - -	237	242	242	254	265	250	187	183	159	172	182	159
	{ 5-20 " - -	99	74	88	89	80	75	80	106	80	86	89	92
	{ 20-40 " - -	203	163	204	229	181	215	201	204	173	219	233	222
	{ 40-60 " - -	310	289	288	290	261	313	282	309	330	339	330	342
	{ 60-80 " - -	238	244	262	264	265	267	259	269	280	316	378	352
{ 80 years and upwards	64	41	71	58	74	70	62	71	55	73	87	82	96
Deaths from—													
Small pox - - - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles - - - -	60	54	48	52	34	33	17	17	15	21	20	26	34
Scarlet Fever - -	6	8	8	7	5	5	2	2	9	7	9	6	14
Diphtheria - - -	44	26	33	29	29	24	22	42	44	55	56	60	58
Whooping-cough -	27	16	28	18	31	25	16	19	23	10	10	6	10
Typhus - - - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever - -	13	12	11	16	18	12	18	24	19	19	21	15	40
Simple Continued Fever -	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery -	477	463	481	426	368	322	233	162	81	53	49	25	1
Cholera - - - -	21	21	16	21	22	8	9	6	2	2	-	-	1
All the above Diseases -	648	600	625	569	507	429	317	278	193	167	165	138	174
Dis. of Respiratory System—													
Phthisis - - - -	157	163	148	169	131	170	133	138	156	215	275	306	478
Dis. of Circulatory System -	145	134	151	152	140	167	183	139	157	173	180	203	203
Violence - - - -	110	96	114	112	114	132	110	134	124	157	170	139	173
Inquest Cases - - - -	91	72	70	60	60	65	62	71	57	71	76	79	63
Deaths in Public Institutions -	161	151	153	139	134	160	145	147	135	148	144	153	184
TEMPERATURE OF THE AIR.	521	451	517	526	484	559	464	482	481	501	541	558	577
Mean - - - -	67.5	63.8	66.5	63.4	63.5	65.6	57.5	54.6	52.1	49.3	47.3	47.4	51.8
Mean of Highest readings - -	78.3	74.6	77.4	79.8	74.1	76.5	67.0	63.5	61.0	56.6	53.9	56.6	57.4
Mean of Lowest readings - -	57.3	55.7	57.2	53.6	55.2	55.2	43.8	48.2	45.5	42.6	36.2	39.4	45.9
Humidity of the Air - -	69	73	64	63	71	70	73	68	76	86	82	82	90
Rain-fall (in inches) - -	0.09	0.02	0.00	0.00	0.29	0.54	0.27	0.36	1.01	0.50	0.12	0.00	1.30
Registered Sunshine (in hours)	79.7	54.9	49.4	74.8	53.4	47.5	23.5	38.3	32.5	12.2	38.9	43.3	7.8
CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.													
Small-pox - - - -	1	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet Fever - - -	2704	2674	2613	2548	2538	2549	2640	2758	2836	3003	3217	3408	3504
Diphtheria - - - -	1526	1519	1508	1512	1502	1464	1480	1474	1487	1519	1595	1659	1700
Enteric Fever - - -	158	183	196	203	213	224	228	235	252	275	308	331	342

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and T. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak Hull.

## Deaths from Different Causes.

5

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-THIRD Week of the Year 1899.

CAUSES OF DEATH	Corrected Averages for the 43rd Week of the 10 years 1889-98*.	In the Week ending Saturday, 28th October 1899.										Corrected Averages for the 43rd Week of the 10 years 1889-98*.	In the Week ending Saturday, 28th October 1899.									
		Deaths of Persons of the Ages											Deaths of Persons of the Ages									
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.					
			0-1.	1-5.	5-20.						0-1.		1-5.					5-20.				
CAUSES - - -	1539·7	1844	376	203	118	269	391	391	86													
{ Vaccinated } - - -	-	-	-	-	-	-	-	-	-													
{ Unvaccinated } - - -	0·2	-	-	-	-	-	-	-	-													
{ No Statement } - - -	0·1	-	-	-	-	-	-	-	-													
Typhoid Fever - - -	31·9	34	10	20	3	-	-	1	-													
Typhoid Fever - - -	23·1	14	2	6	4	2	-	-	-													
Typhoid Fever - - -	0·1	-	-	-	-	-	-	-	-													
Typhoid Fever - - -	6·1	18	-	-	2	8	4	4	-													
Typhoid Fever - - -	20·5	10	1	9	-	-	-	-	-													
Typhoid Fever - - -	53·4	58	3	31	23	-	-	1	-													
Typhoid Fever - - -	0·9	-	-	-	-	-	-	-	-													
Typhoid Fever - - -	18·2	40	-	-	5	30	5	-	-													
Typhoid Fever - - -	0·2	1	1	-	-	-	-	-	-													
Typhoid Fever - - -	29·0	17	12	4	-	-	-	1	-													
Typhoid Fever - - -	0·1	-	-	-	-	-	-	-	-													
Typhoid Fever - - -	0·1	-	-	-	-	-	-	-	-													
Typhoid Fever - - -	0·2	-	-	-	-	-	-	-	-													
Typhoid Fever - - -	8·9	7	5	-	-	1	1	-	-													
Typhoid Fever - - -	6·8	9	4	-	-	3	1	1	-													
Typhoid Fever - - -	2·0	3	1	-	-	1	-	1	-													
Typhoid Fever - - -	6·4	8	-	-	-	7	1	-	-													
Typhoid Fever - - -	1·6	1	-	-	-	-	1	-	-													
Typhoid Fever - - -	0·5	-	-	-	-	-	-	-	-													
Typhoid Fever - - -	0·1	-	-	-	-	-	-	-	-													
Typhoid Fever - - -	1·9	2	2	-	-	-	-	-	-													
Typhoid Fever - - -	10·5	17	-	-	-	8	8	1	-													
Typhoid Fever - - -	9·0	15	-	1	5	3	4	2	-													
Typhoid Fever - - -	1·6	1	-	-	-	-	-	1	-													
Typhoid Fever - - -	2·7	5	-	-	-	-	3	1	1													
Typhoid Fever - - -	4·0	5	1	4	-	-	-	-	-													
Typhoid Fever - - -	71·8	73	-	-	1	2	25	41	4													
Typhoid Fever - - -	25·8	18	8	7	2	1	-	-	-													
Typhoid Fever - - -	17·6	11	4	5	1	1	-	-	-													
Typhoid Fever - - -	188·9	203	2	4	14	84	81	17	1													
Typhoid Fever - - -	16·5	21	7	5	2	6	1	-	-													
Typhoid Fever - - -	14·8	16	-	1	-	7	1	6	1													
Typhoid Fever - - -	48·7	60	60	-	-	-	-	-	-													
Typhoid Fever - - -	4·6	5	5	-	-	-	-	-	-													
Typhoid Fever - - -	8·7	9	7	1	1	-	-	-	-													
Typhoid Fever - - -	39·5	62	-	-	-	-	-	29	33													
Typhoid Fever - - -	40·4	41	-	-	-	1	12	25	3													
Typhoid Fever - - -	7·4	4	-	-	-	1	2	1	-													
Typhoid Fever - - -	38·6	27	22	5	-	-	-	-	-													
Typhoid Fever - - -	78·4	65	5	8	5	8	12	23	4													
Typhoid Fever - - -	3·1	5	-	1	3	1	-	-	-													
Typhoid Fever - - -	0·9	1	-	-	-	-	-	-	-													
Typhoid Fever - - -	7·0	5	-	-	-	-	-	-	-													
Typhoid Fever - - -	-	-	-	-	-	-	-	-	-													
OTHER CAUSES - - -	56·9	54	48	3	1	-	-	-	2													

numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5·213 per cent. for increase of population.

Those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical practitioners. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the death is not certified by a registered practitioner, the case is returned under the heading "no statement," and the evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered in the SUB-DISTRICT during the Week ending Saturday, 23th October, 1899.

		The DEATHS registered during the Week include																	
		Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from											Inquest Cases.	Deaths in Public Institutions.
REGISTRATION SUB-DISTRICTS.					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple Fever.	Diarrhoea.	Violence.			
LONDON -		4,411,710	2,495	1,844	376	487	-	34	14	58	10	-	40	-	17	63	184	577	
WEST DISTRICTS		778,251	378	295	48	87	-	2	2	11	2	-	7	-	3	13	35	105	
NORTH DISTRICTS		1,040,694	515	379	71	111	-	2	7	8	-	-	12	-	4	11	30	118	
CENTRAL DISTRICTS		233,635	140	110	18	18	-	2	1	1	1	-	3	-	1	4	7	42	
EAST DISTRICTS		716,334	523	352	75	93	-	9	-	6	3	-	6	-	-	14	55	115	
SOUTH DISTRICTS		1,642,796	939	683	164	169	-	21	3	32	4	-	12	-	9	21	57	172	
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON *		-	-	25	-	9	-	-	1	-	-	-	-	-	-	-	-	25	
WEST DISTRICTS.																			
St. Mary Paddington } G. & W.		90,996	45	27	2	11	-	-	-	-	-	-	-	-	-	1	1	4	
WHH																			
St. John Paddington H - - G.		33,510	5	13	-	4	-	-	-	-	-	-	-	-	-	2	7		
Kensington Town Ww - - W.		122,164	64	50	9	20	-	-	-	-	-	-	1	-	1	3	5	24	
Brompton HH - - W. & C.		48,301	9	18	4	3	-	-	-	-	-	-	1	-	-	3	5	24	
North Hammersmith† H } W. & G		44,638	29	9	1	2	-	-	-	-	-	-	1	-	-	1	2	3	
South Hammersmith† H } W. & G		59,561	32	22	3	8	-	-	-	-	-	-	1	-	-	1	3	16	
Fulham Ww - - W. & C.		113,781	85	48	14	8	-	-	2	7	1	-	1	-	2	6	16		
Chelsea Kensal Town - - C.		21,450	10	5	-	3	-	-	-	-	-	-	-	-	-	-	-		
Chelsea North WHHHH - C.		42,057	25	25	1	7	-	-	-	-	-	-	1	-	-	2	17		
Chelsea South HE - - C.		33,139	13	14	-	7	-	1	-	-	-	-	-	-	-	4	4		
May Fair W - - - G.		23,827	5	11	1	3	-	-	-	-	-	-	-	-	-	-	-	10	
Belgrave WHHH - - C.		56,140	19	28	2	4	-	-	-	2	1	-	1	-	-	2	5	16	
St. John Westminster HH - C.		31,492	23	11	4	1	-	1	-	-	-	-	1	-	-	-	-		
St. Margaret Westminster H- C.		22,097	4	4	-	3	-	-	-	-	-	-	-	-	-	1	1		
St. James Westminster } N. & G.		23,050	4	6	1	3	-	-	-	1	-	-	-	-	-	-	2	1	
WH																			
St. Anne Soho HHHHH - N.		12,048	6	4	1	1	-	-	-	-	-	-	-	-	-	-	1	1	
NORTH DISTRICTS.																			
All Souls Marylebone } - - W.		36,595	13	14	-	2	-	-	-	-	-	-	2	-	1	1	2	6	
HHHHHHHHH																			
Rectory Marylebone W } G. & W.		19,798	8	4	-	3	-	-	-	-	-	-	1	-	-	-	-		
St. Mary Marylebone } G. & W.		19,637	22	12	1	2	-	-	-	-	-	-	-	-	-	1	2	2	
HHHH																			
Christchurch Marylebone H - W		32,547	11	10	3	3	-	-	-	-	-	-	-	-	-	1	3		
St. John Marylebone HHH - W.		32,611	18	6	1	2	-	-	-	-	-	-	-	-	-	-	-		
Hampstead } - N. & W.		75,449	31	21	-	5	-	-	4	4	-	-	2	-	-	-	-	15	
WwHHHH																			
Regent's Park Pancras HH - W.		37,341	14	8	3	3	-	-	-	-	-	-	-	-	-	-	1	2	
Tottenham-court } - N. & W.		26,757	8	12	-	1	-	-	-	1	-	-	-	-	-	-	2	9	
wHHHHHH																			
Gray's Inn Lane HHHH - N.		29,426	5	15	3	3	-	-	-	-	-	-	-	-	1	-	1	1	
Somers Town HH - - N.		32,161	23	15	1	2	-	-	-	-	-	-	-	-	-	2	3	8	
Camden Town WH - - N.		16,669	4	18	3	9	-	-	-	1	-	-	-	-	-	2	3	12	
Kentish Town WW - - N.		98,410	53	35	5	12	-	-	-	-	-	-	-	-	-	1	4	16	
Upper Holloway } - - N.		98,273	39	57	8	23	-	-	-	-	-	-	1	-	-	1	1	28	
WWWWwHH																			
Islington South-west H - N.		107,365	71	39	12	6	-	-	2	1	-	-	-	-	1	-	2	2	
Islington South-east - - N.		66,549	39	24	9	4	-	-	-	-	-	-	-	-	-	-	3	-	
Highbury HH - - N.		64,577	30	22	5	11	-	-	-	-	-	-	-	-	1	-	-	1	
Stoke Newington H - - N.		33,485	7	8	-	6	-	-	-	-	-	-	-	-	-	-	-		
North Hackney - - E. & N.		213,044	13	11	2	4	-	-	-	-	-	-	1	-	-	-	-		
Central Hackney ww - E. & N.			26	14	5	2	-	-	-	1	1	-	-	3	-	-	-	3	
South-west Hackney HHH E. & N.			43	16	8	1	-	-	-	-	-	-	-	1	-	-	-		
South-east Hackney WwH E. & N.			37	18	2	7	-	-	-	-	-	-	-	1	-	1	3	8	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there: namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; /—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. signifi Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. N. River; E. East London; and K. the Kent Company.

\* See note † on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and were named North Hammersmith and South Hammersmith, respectively.



5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 28th October, 1899—continued.

STATION SUB-DISTRICTS	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				Infants under 1 Year of Age.	Deaths of Persons aged 60 Years and upwards.	Small-pox.	Deaths from										Inquest Cases	Deaths in Public Institutions	Uncertified Causes of Death.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
							Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 28th October, 1899.

REGISTRATION SUB-DISTRICTS	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include														
					Deaths of		Deaths from												
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Un- certified Causes of Death		
NDON—OUTER RING	368,749	1,422,063	973	498	110	143	-	7	2	13	3	20	13	14	41	57	7		
Carshalton H	12,228	26,108	12	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
Epsom, part of* WwHH	10,423	12,508	5	7	1	2	-	-	-	-	-	-	-	-	-	-	7	-	-
Godstone, part of* W	2,754	1,598	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Croydon WwHHH	20,851	128,699	73	40	7	17	-	-	-	1	1	3	1	1	5	8	1	-	-
Mitcham w	11,697	23,072	14	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Wimbledon HHH	3,220	25,777	24	8	2	2	-	-	1	-	-	1	-	-	2	1	-	-	-
Kingston WH	-	33,566	24	9	1	5	-	-	-	-	-	-	-	-	-	2	-	-	-
Surbiton H	14,672	12,178	4	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Esher, part of* HH	-	11,080	4	2	-	1	-	-	-	-	-	-	-	-	1	1	-	-	-
Hampton HL	4,565	18,252	9	5	1	1	-	-	-	-	-	-	-	-	1	1	-	-	-
Richmond WH	2,160	25,389	8	5	1	3	-	1	-	-	-	-	-	-	-	-	-	-	-
Mortlake H	2,823	16,159	11	8	2	1	-	-	-	-	-	-	-	-	2	-	-	-	-
Bromley HHH	9,127	23,815	13	4	1	1	-	-	-	-	-	1	-	-	-	1	-	-	-
Beckenham H	-	21,969	5	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Chislehurst, part of* WHH	14,307	20,372	8	2	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-
Bexley HHH	12,540	30,590	24	6	1	3	-	-	-	-	-	-	-	-	1	-	1	-	-
Dartford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sunbury w	11,054	13,671	17	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Staines WH	13,277	13,221	8	4	-	4	-	-	-	-	-	-	-	-	1	-	-	-	-
Hillingdon WHH	6,035	12,237	8	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Uxbridge	12,757	7,253	4	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Hayes wH	7,952	11,051	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isleworth WHH	6,967	26,004	20	12	2	4	-	-	-	-	-	1	-	1	1	2	-	-	-
Twickenham HH	2,415	16,027	9	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Brentford HHHH	4,318	37,777	17	11	1	4	-	-	-	-	-	-	-	1	1	-	-	-	-
Chiswick	1,245	21,963	11	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Acton wHH	6,132	30,945	23	13	4	4	-	1	-	-	-	4	-	-	-	-	-	-	-
Harrow HHH	13,809	15,715	13	3	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Edgware HH	6,994	3,844	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Willesden HHH	4,383	61,265	51	25	9	2	-	-	-	-	2	1	-	1	1	2	1	-	-
Hendon WH	6,382	15,843	14	8	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-
South Mimms HH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barnet WHH	21,077	6,367	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Finchley HHH	4,668	14,152	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hornsey HH	3,039	61,097	31	16	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Tottenham HH	4,642	67,174	65	24	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-
Edmonton WwW	7,489	36,351	31	23	4	8	-	-	1	-	2	-	3	5	6	1	-	-	-
Enfield WWHH	12,602	31,536	20	10	5	2	-	-	1	-	-	-	-	2	3	5	-	-	-
Waltham Abbey	11,017	6,066	5	2	1	1	-	-	-	-	-	-	-	1	1	-	-	-	-
Chesham H	8,480	9,620	9	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Hatfield, part of* W-	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bushey H	9,331	7,737	6	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Watford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stratford H	-	38,612	30	17	4	6	-	1	-	-	-	1	-	1	3	1	2	-	-
Plaistow HHH	-	53,030	56	45	11	10	-	-	-	3	-	3	2	3	4	3	2	-	-
Canning Town H	-	54,760	46	25	8	3	-	-	-	-	-	-	-	1	1	-	-	-	-
Forest Gate w	-	53,511	33	14	4	5	-	4	-	2	-	-	-	-	1	-	1	-	-
East Ham WHH	3,266	32,713	42	28	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Leyton WwWwH	4,334	70,188	46	38	4	16	-	1	-	1	-	2	1	-	-	13	-	-	-
Walthamstow HHHH	6,501	57,330	47	22	4	2	-	-	-	-	1	3	1	1	2	-	-	-	-
Chigwell, part of* HHHH	11,779	12,941	5	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Epping WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Romford, part of* WH	6,556	4,324	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ilford	8,493	10,913	15	8	2	2	-	-	-	2	1	1	-	-	-	1	-	-	-
Barking Town, H	3,614	14,301	14	6	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Middlesex County Asylum, Wandsworth.	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
London County Asylum, Dartford Heath.	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-

parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warlingham and Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chislefield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 79); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for the Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.



TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 28th October, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include									
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from							
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
GREATER LONDON	443,421	6,528,434	18·7	1·8	2342	486	630	-	41	16	71	13	60	30	7
INNER LONDON -	74,672	4,546,752	21·1	2·0	1844	376	487	-	34	14	58	10	40	17	6
OUTER RING -	368,749	1,981,682	13·1	1·5	498	110	143	-	7	2	13	3	20	13	1

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZY DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	
EDINBURGH -	298,927	Oct. 28	171	106	18·5	-	-	1	3	-	-	
GLASGOW -	733,903	" 28	458	287	20·4	-	8	3	2	1	-	
DUBLIN -	349,594	" 28	180	244	36·4	-	44	1	2	-	-	
CALCUTTA -	466,460	Sept. 23	-	255	28·5	-	1	-	1	-	9	
BOMBAY -	821,784	Oct. 3	291	700	44·3	6	12	?	?	?	16	
MADRAS -	452,518	Sept. 22	397	306	35·1	1	1	?	?	?	7	
PARIS -	2,511,629	Oct. 21	1049	874	18·0	-	3	2	3*	1	18	
BRUSSELS -	561,130	" 21	230	165	15·3	-	1	-	1*	-	-	
AMSTERDAM -	517,595	" 14	287	141	14·1	-	-	-	-	-	-	
ROTTERDAM -	315,305	" 14	206	96	15·7	-	-	-	-	2	-	
THE HAGUE -	199,285	" 14	116	63	16·4	-	-	1	-	2	-	
COPENHAGEN -	349,000	" 21	178	90	13·4	-	-	2	2	1	-	
STOCKHOLM -	291,580	" 14	142	78	13·9	-	-	1	3*	-	-	
CHRISTIANIA -	221,255	" 21	148	54	12·7	-	-	-	2	-	-	
ST. PETERSBURG	1,132,677	" 14	633	455	20·9	1	9	11	24	9	15	
MOSCOW -	988,610	" 14	-	455	24·0	-	-	12	5	3	-	
BERLIN -	1,818,517	Sept. 30	-	-	-	-	-	-	-	-	-	
HAMBURG -	675,351	Oct. 21	-	196	15·1	-	-	3	3*	3	-	
DRESDEN -	397,300	Sept. 30	-	-	-	-	-	-	-	-	-	
BRESLAU -	406,012	Oct. 21	-	165	21·2	-	-	2	1	2	-	
MUNICH -	445,000	" 21	-	-	-	-	-	-	-	-	-	
VIENNA -	1,623,134	" 14	1011	525	16·6	-	2	6	5*	1	-	
PRAGUE -	384,622	" 14	200	163	22·0	-	-	1	3	-	-	
BUDA-PESTH -	666,722	" 14	430	228	17·8	-	2	11	2	-	-	
TRIESTE -	166,599	" 7	102	67	20·8	-	-	-	5*	1	-	
ROME -	508,779	Sept. 30	208	136	13·9	-	-	-	3	-	13	
TURIN (11 days)	344,203	Aug. 31	225	140	13·5	-	1	-	-	-	-	
VENICE -	172,288	Oct. 7	76	49	14·8	-	-	-	2*	-	-	
CAIRO -	570,062	Sept. 2	391	341	31·1	-	9	-	6*	-	-	
ALEXANDRIA -	319,766	" 2	202	174	28·3	-	-	-	1*	-	-	
NEW YORK (including BROOKLYN)	3,550,053	" 23	1365	1154	17·0	-	7	4	26	15	18	
PHILADELPHIA -	1,266,832	Oct. 7	-	428	17·6	-	-	2	22	5	-	

\* Including deaths from croup.

† Including 31 deaths from plague in Calcutta and 83 in Bombay.

‡ Including 1 death from cholera in Calcutta and 2 in Bombay.

§ Including 4 deaths from malarial fever.

MOON.	PHASES OF THE MOON.	daily reading of the reed and reduced to 32° Fahrenheit.	OF THE AIR.								Dew point.	OF HUMIDITY (SATURATED VAPOUR).				OF RADIATION.			Of the Earth 3 feet below the Surface.	General Direction.		Pressure on the Square Foot.		Robinson's.		Ozone.
			High-est.	Low-est.	Daily Range.	Mean daily value.	De-parture from Average of 50 years.	Mean daily value.	Greatest est.	Least.		Highest in the Sun's Rays.	Lowest on the Grass.	A.M.	P.M.	Greatest.	Mean hourly obs.	Horizontal Movement of 24 hours the air on each Day.		Miles.	Miles.					
OCTOBER.																										
SUNDAY	- 22	Greatest Dec. N.	30.204	46.9	41.3	5.6	43.4	- 51	°	100	54.8	36.0	52.12	°	°	ESE. & calm.	Variable & calm.	0.0	0.0	50	-218	0.0	0.0			
MONDAY	- 23	..	30.072	54.8	37.3	17.5	47.5	- 07	°	83	63.4	35.6	51.98	°	°	Calm & SW.	WSW. & SW.	0.5	0.0	113	-156	0.0	0.0			
TUESDAY	- 24	..	30.175	58.2	43.2	15.0	50.2	+ 23	°	88	74.4	37.2	51.80	°	°	WSW.	NW. NNW. & E.	0.3	0.0	159	-110	0.0	0.0			
WEDNESDAY	- 25	..	30.114	60.1	45.5	14.6	52.2	+ 4.6	°	82	90.0	38.3	51.83	°	°	E, NE, & SE.	S. & SSW.	0.8	0.0	129	-141	0.0	0.0			
THURSDAY	- 26	Last Quarter.	29.749	58.0	47.7	10.3	53.3	+ 5.9	°	91	71.1	37.0	52.02	°	°	SSW.	SSW. & SSW.	1.1	0.0	221	- 50	0.0	0.0			
FRIDAY	- 27	..	29.604	60.5	55.4	5.1	58.3	+ 11.0	°	93	64.0	52.3	52.25	°	°	WSW. & SSW.	WSW. & SSW.	3.7	0.0	361	+ 89	0.0	0.0			
SATURDAY	- 28	Apogee	29.697	63.6	51.1	12.5	57.4	+ 10.2	°	82	94.3	46.1	52.70	°	°	WSW. & SSW.	WSW. & SSW.	2.5	0.0	310	+ 37	0.0	0.0			
MEANS	-		29.945	57.4	45.9	11.5	51.8	+ 4.0	°	90	73.1	40.4	52.10	°	°	SW.	SW.	..	..	Sum 1343	Sum -549	0.0	0.0			
No. of Column	-	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	

The results apply to the civil day, or from midnight to midnight.  
 The height of the cistern of the barometer is 153 feet above the mean level of the sea ;  
 no correction has been applied to the readings to reduce to sea level.  
 Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of  
 the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb  
 thermometer, are converted into mean daily values by the application of corrections  
 deduced from a discussion of the photographic records made during the twenty years  
 ending 1873 for the barometer, and during the twenty years ending 1868 for the  
 thermometers. With the corrected mean readings of the dry bulb thermometer is  
 combined the corrected mean of the readings of the maximum and minimum  
 thermometers, forming the mean daily value of temperature of the air (column 8). The  
 mean daily dew point temperature and degree of humidity are deduced from the mean  
 values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.  
 The average temperature of the air is that derived from a discussion of the observations  
 made at Greenwich during the 50 years ending 1880, and that of horizontal movement  
 of the air from a discussion of the anemometric records for the 16 years ending 1875.  
 In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and  
 - "lower," than the average.  
 The values given in column 17 are not corrected for the index error of the thermometer,  
 which cannot be determined.  
 The record of Electricity is derived from Thomson's self-registering Electrometer.  
 The symbols employed are: - P. positive; N. negative; w. weak; m. moderate;  
 s. strong; and v. variable.  
 The observations in column 28, derived from the Campbell-Stokes Sunshine Instrument,  
 show the aggregate duration of bright sunshine on each day.  
 The readings of the barometer decreased from 30.25 in. at the beginning of the week  
 to 30.04 in. by 4h. P.M. on the 23rd; increased to 30.22 in. by 9h. P.M. on the 24th;  
 decreased to 29.57 in. by 8h. P.M. on the 27th; and increased to 29.83 in. by the end of the  
 week.

GENERAL REMARKS.												Sun above Horizon, in hours.	
Dense fog prevalent in morning; partially cloudy, with fog of variable density afterwards. Overcast; foggy.												00	10.3
Generally cloudy; slight fog in morning.												00	10.2
Cloudy in morning; fine, with variable amounts of cloud afterwards.												09	10.1
Cloudy in morning; fine, with variable amounts of cloud afterwards.												41	10.0
Fine and partially cloudy in early morning; generally overcast, with frequent rain after 8h. A.M.												01	10.0
Overcast; frequent rain. A very mild day.												00	9.9
Overcast, with heavy rain in early morning; fine generally, with large amounts of cloud afterwards. A shower at 2h. P.M. Very mild.												27	9.9
												Sum	78
												70.4	29
No. of Col.	-	27											

ELECTRICITY.  
 (For explanation of symbols, see Note.)

DATE.  
 OCTOBER.

SUNDAY - 22 w. P. till 10h. A.M.; m. P. afterwards.  
 MONDAY - 23 m. P. till 7h. A.M.; w. P. afterwards.  
 TUESDAY - 24 w. P. till 1h. P.M.; m. P. till 8h. P.M.; w. P. afterwards.  
 WEDNESDAY - 25 w. P. throughout -  
 THURSDAY - 26 w. P. generally; occasional w. N. between 2h. and 8h. P.M.  
 FRIDAY - 27 w. P. generally; occasional w. N.  
 SATURDAY - 28 w. P. and w. N. till 5h. A.M.; w. P. afterwards.

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1899.



# WEEKLY RETURN

## OF

# BIRTHS AND DEATHS IN LONDON

## AND IN

# THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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General Register Office, Somerset House,  
November 6th, 1899.

### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 18·8 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Oct. 14.	Oct. 21.	Oct. 28.	Nov. 4.		Oct. 14.	Oct. 21.	Oct. 28.	Nov. 4.
33 Great Towns	18·6	19·0	21·1	18·8	Leicester - -	12·4	16·6	14·9	18·3
Birkenhead -	13·6	16·8	22·2	18·1	Liverpool - -	25·5	28·4	27·7	21·6
Birmingham -	17·2	19·5	20·5	19·5	London - - -	18·8	18·0	21·1	18·6
Blackburn - -	20·1	19·7	17·7	17·4	Manchester - -	21·9	23·6	24·4	21·6
Bolton - - -	19·9	18·3	19·0	25·7	Newcastle-on-Tyne	16·6	20·3	20·8	19·8
Bradford - -	18·1	19·6	21·0	17·4	Norwich - - -	11·5	11·5	13·4	14·7
Brighton - -	18·2	13·1	17·8	11·8	Nottingham - -	20·5	15·9	19·6	17·6
Bristol - - -	18·4	23·7	29·7	23·6	Oldham - - -	19·7	17·3	20·4	18·7
Burnley - - -	20·8	19·4	18·9	14·8	Plymouth - - -	20·2	22·3	14·0	16·1
Cardiff - - -	15·2	15·2	10·1	13·5	Portsmouth - -	16·7	15·9	19·1	15·6
Croydon - - -	15·5	9·8	12·7	13·9	Preston - - -	19·9	18·6	18·6	21·3
Derby - - -	13·2	10·8	12·7	11·3	Salford - - -	21·3	24·4	24·8	22·9
Gateshead - -	18·1	21·0	20·6	21·5	Sheffield - - -	19·6	20·6	27·3	21·5
Halifax - - -	12·8	16·0	14·4	16·5	Sunderland - -	20·1	20·1	23·3	19·0
Huddersfield -	17·1	17·6	14·1	13·1	Swansea - - -	15·1	13·6	21·1	15·6
Hull - - -	20·9	16·9	19·8	18·7	West Ham - - -	13·5	18·4	18·9	16·3
Leeds - - -	16·0	19·3	22·1	17·8	Wolverhampton	20·5	19·4	19·4	24·1

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·0 in Bolton, and 1·4 in Birkenhead; from *scarlet fever*, 1·1 in Halifax, 1·3 in Bolton, and 1·4 in Burnley; from *whooping-cough*, 1·0 in Salford; from "*fever*," 1·1 in Sunderland, 1·2 in Wolverhampton and in Leicester, 1·3 in Nottingham, 1·6 in Sheffield, and 1·8 in Birkenhead; and from *diarrhœa*, 1·2 in Blackburn. The 97 deaths from *diphtheria* included 39 in London, 15 in Sheffield, 10 in Leicester, 6 in West Ham, 6 in Leeds, 3 in Liverpool, and 3 in Blackburn. Six deaths from *small-pox* were registered in Hull, but not one in any other of the thirty-three towns.

### LONDON.

In LONDON† 2613 BIRTHS and 1626 DEATHS were registered. Allowing for increase of population, the births were 155, and the deaths 17, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

18·8, 18·0, and 21·1 in the preceding three weeks, fell again last week to 18·6. During the four weeks ending on Saturday last the death-rate averaged 19·1 per 1000, being 1·3 per 1000 above the mean rate in the corresponding periods of the ten years 1889-98.

The 1626 deaths included 33 from measles, 7 from scarlet fever, 39 from diphtheria, 14 from whooping-cough, 29 from enteric fever, 22 from diarrhoea and dysentery, 1 from cholera, and not one death from small-pox, from typhus, or from any ill-defined form of continued fever; thus, 145 deaths were referred to these diseases, being 42 below the corrected average weekly number.

The deaths from *measles*, which had been 20, 26, and 34 in the preceding three weeks, were 33 last week, the corrected average being 43. The deaths from *scarlet fever*, which had been 9, 6, and 14 in the preceding three weeks, fell again last week to 7, and were 15 below the corrected average; 3 cases belonged to Islington sanitary area. The deaths from *diphtheria*, which had been 56, 60, and 59 in the preceding three weeks, fell last week to 39, and were 13 below the corrected average; 5 cases belonged to St. Pancras, 4 to Islington, 3 to Bermondsey, 3 to Wandsworth, and 3 to Camberwell sanitary areas. The deaths from *whooping-cough*, which had been 10, 6, and 10 in the preceding three weeks, further rose last week to 14, but were 6 below the corrected average. The fatal cases of *enteric fever*, which had been 21, 15, and 40 in the preceding three weeks, fell again last week to 29, but were 8 above the corrected average; 3 cases belonged to Hammersmith, 3 to Poplar, 2 to Islington, 2 to Clerkenwell, 2 to Bermondsey, 2 to Battersea, and 2 to Greenwich sanitary areas. The deaths from *diarrhoea*, which had been 49, 25, and 17 in the preceding three weeks, rose again last week to 22, but were 7 below the corrected average. Of the 22 deaths from diarrhoea, 16 were of children under 5 years of age; 19 more deaths at this age-period were described as due to *gastro-enteritis*. The deaths referred to diseases of the respiratory organs, which had been 275, 306, and 477 in the preceding three weeks, fell again last week to 418, but were 55 above the corrected average. The deaths attributed directly to *influenza* numbered 19, having been 13, 5, and 18 in the preceding three weeks.

Different forms of violence caused 54 deaths, concerning all but 2 of which inquests were held. Of these 54 deaths, 10 were cases of suicide, and 1 of homicide, while the remaining 43 were attributed to accident or negligence. Seven of these were referred to vehicles in the streets, and 9 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3539 cases of scarlet fever, 1715 of diphtheria, and 407 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 331 cases, against 455, 447, and 414; of diphtheria, 230 cases, against 271, 269, and 259; and of enteric fever, 103 cases, against 70, 50, and 44.

#### GREATER LONDON.

In Greater London 3,755 births and 2,123 deaths were registered, corresponding to annual rates of 30·0 and 17·0 per 1000 of the estimated population. In the Outer Ring 11 deaths from measles, 5 from scarlet fever, 19 from diphtheria, 2 from whooping-cough, 12 from "fever," and 4 from diarrhoea were registered. Six deaths from measles, 12 from diphtheria, and 7 from "fever" occurred in West Ham District; a resident of this district died from diphtheria in the London Fever Hospital.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·61 inches, and that of the Thermometer 53°·2; the latter being 6°·5 above the week's average in the 50 years 1841-90. The direction of the wind was south-south-westerly, the horizontal movement of the air being 47 per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 22·5 hours; the measured rainfall amounted to 1·81 inches.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases, the diagnosis is found after sojourn in the Hospital to have been erroneous.



CITIES AND BOROUGH.	POPULATION estimated to the middle of the Year 1891.*		BIRTHS.		DEATHS.		Deaths from										Deaths of				Deaths corresponding to the Week's Deaths.				RAINFALL.		CITIES AND BOROUGH.																																																																																																																																																																																																																																																																																										
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	Mean.		23.	24.																																																																																																																																																																																																																																																																																													
																					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.			Small-pox.	Measles.		Scarlet Fever.	Diphtheria.	Whooping- cough.	Rever.	Dysentery.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unrecorded Causes of Death.	From All Causes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	From Cata- strophes.	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See note \* on first page of this return.



TABLE 2. LONDON.—Births and Deaths Registered in the FORTY-FOURTH Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2623	2295	2717	2767	2452	2659	2693	2819	2751	2530	2767.7	2613
Males - - -	1316	1155	1348	1336	1253	1331	1368	1405	1379	1275	1385.2	1305
Females - - -	1307	1140	1369	1431	1199	1328	1325	1414	1372	1255	1382.5	1308
<b>TOTAL Deaths -</b>	1317	1817	1446	1491	1695	1372	1789	1709	1585	1394	1642.9	1626
Males - - -	673	909	755	747	853	711	921	873	818	713	838.9	838
Females - - -	644	908	691	744	842	661	868	836	767	681	804.0	788

\*The numbers in this column are the average weekly numbers in the forty-fourth week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Aug. 12.	Aug. 19.	Aug. 26.	Sept. 2.	Sept. 9.	Sept. 16.	Sept. 23.	Sep. 30.	Oct. 7.	Oct. 14.	Oct. 21.	Oct. 28.	Nov. 4.	
<b>TOTAL Births</b>	-	2214	2671	2646	2532	2442	2675	2531	2399	2540	2549	2529	2495	2613
<b>TOTAL Deaths</b>	-	2063	2208	2100	1931	1934	1643	1649	1456	1564	1637	1567	1844	1626
<b>Ages at Death</b>														
Under 1 year	-	1015	1043	916	805	744	572	502	379	359	333	318	376	352
1-5 years	-	242	242	254	265	250	187	188	159	172	182	159	203	197
5-20 "	-	74	88	89	80	75	80	106	80	86	89	92	118	86
20-40 "	-	163	204	229	181	215	201	204	173	219	238	222	269	206
40-60 "	-	289	298	290	261	313	282	309	330	339	330	342	391	364
60-80 "	-	244	262	264	265	267	259	269	280	316	378	352	391	338
80 years and upwards	-	41	71	58	74	70	62	71	55	73	87	82	96	83
<b>Deaths from—</b>														
Small pox	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	-	54	48	52	34	33	17	17	15	21	20	26	34	33
Scarlet Fever	-	8	8	7	5	5	2	8	9	7	9	6	14	7
Diphtheria	-	26	33	29	29	24	22	42	44	55	56	60	59	39
Whooping-cough	-	16	28	18	31	25	16	19	23	10	10	6	10	14
Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever	-	12	11	16	18	12	18	24	19	19	21	15	40	29
Simple Continued Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery	-	463	481	426	368	322	233	162	81	53	49	25	17	22
Cholera	-	21	16	21	22	8	9	6	2	2	-	-	1	1
<b>All the above Diseases</b>	-	600	625	569	507	429	317	278	193	167	165	138	175	145
<b>Dis. of Respiratory System—</b>														
Phthisis	-	163	148	169	131	170	133	138	156	215	275	306	477	418
Dis. of Circulatory System	-	134	151	152	140	167	183	139	157	173	180	203	203	157
Violence	-	96	114	112	114	132	110	134	124	157	170	139	173	122
Inquest Cases	-	72	70	60	60	65	62	71	57	71	75	79	63	54
Deaths in Public Institutions	-	151	153	139	134	160	145	147	135	148	144	153	185	122
	-	451	517	526	484	559	464	482	481	501	541	558	577	508
<b>TEMPERATURE OF THE AIR.</b>														
Mean	-	63.8	66.5	66.4	63.5	66.6	57.5	54.6	52.1	49.3	47.3	47.4	51.8	53.2
Mean of Highest readings	-	74.6	77.4	79.8	74.1	76.5	67.0	63.5	61.0	56.6	58.9	56.6	57.4	59.1
Mean of Lowest readings	-	55.7	57.2	53.6	55.2	55.2	48.8	48.2	45.5	42.6	36.2	39.4	45.9	47.1
<b>Humidity of the Air</b>	-	73	64	63	71	70	73	68	76	86	82	82	90	83
<b>Rain-fall (in inches)</b>	-	0.02	0.00	0.00	0.29	0.54	0.27	0.36	1.01	0.50	0.12	0.00	1.30	1.81
<b>Registered Sunshine (in hours)</b>	-	54.9	49.4	74.8	53.4	47.5	23.5	38.3	32.5	12.2	38.9	43.3	7.8	22.5
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>														
Small-pox	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet Fever	-	2674	2613	2548	2538	2549	2640	2758	2836	3003	3217	3408	3504	3539
Diphtheria	-	1519	1508	1512	1502	1461	1484	1474	1487	1519	1595	1659	1700	1715
Enteric Fever	-	183	196	203	213	224	228	235	252	275	308	331	342	407

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann, Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-FOURTH Week of the Year 1899.

CAUSES OF DEATH		Corrected Averages for the 44th Week of the 10 years 1889-93.	In the Week ending Saturday, 4th November 1899.										CAUSES OF DEATH	Corrected Averages for the 44th Week of the 10 years 1889-93.	In the Week ending Saturday, 4th November 1899.									
			Deaths of Persons of the Ages												Deaths of Persons of the Ages									
			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.						
				0-1.	1-5.	5-20.						0-1.							1-5.	5-20.				
CAUSES		1642.9	1626	352	197	86	206	304	338	83		Diseases of Circulatory System	141.5	122	1	-	11	22	39	43	6			
{ Vaccinated		0.1	-	-	-	-	-	-	-	-		Croup	5.8	4	-	4	-	-	-	-	-	-		
{ Unvaccinated		0.2	-	-	-	-	-	-	-	-		Bronchitis	199.5	217	71	15	1	6	36	69	19			
{ No Statement		43.3	33	4	27	2	-	-	-	-		Pneumonia	124.6	162	37	43	4	20	31	26	1			
Typhoid Fever		21.6	7	-	6	1	-	-	-	-		Pleurisy	5.7	9	-	2	-	1	5	1	-			
Typhus		0.2	-	-	-	-	-	-	-	-		Other Diseases of Respiratory System	27.4	26	4	3	1	-	9	8	1			
Erysipelas		-	-	-	-	-	-	-	-	-		Dentition	4.8	5	3	2	-	-	-	-	-			
Scarlatina		6.6	19	-	-	-	3	4	11	1		Quinsy, Sore Throat	1.7	13	-	1	-	-	-	-	-			
Whooping-cough		19.7	14	3	10	1	-	-	-	-		Enteritis	18.9	22	13	6	1	-	2	-	-			
Diphtheria		52.0	39	2	23	13	-	-	1	-		Gastro-enteritis	6.6	4	1	-	-	1	2	-	-			
{ Continued and		0.5	-	-	-	-	-	-	-	-		Peritonitis	23.7	24	1	-	-	5	12	6	-			
{ Defined Fever		21.0	29	-	1	10	8	-	-	-		Diseases of Liver	31.2	32	7	1	2	3	10	6	3			
Cholera and Chol. Diarr.		-	1	-	-	-	1	-	-	-		Other Diseases of Digestive System	2.2	2	-	-	1	-	-	1	-			
Typhoid Fever		28.6	22	14	2	-	-	1	4	1		Diseases of Urinary System	47.8	55	1	1	1	7	21	22	2			
Typhoid Fever		-	-	-	-	-	-	-	-	-		Diseases of Generative System	6.3	5	1	1	1	-	1	1	-			
Typhoid Fever		-	-	-	-	-	-	-	-	-		Accidents of Childbirth	4.1	5	-	-	-	5	-	-	-			
Typhoid Fever		-	-	-	-	-	-	-	-	-		Diseases of Locomotive System	4.9	3	1	1	-	-	-	-	1			
Typhoid Fever		-	-	-	-	-	-	-	-	-		Diseases of Integumentary System	8.1	7	4	-	-	-	-	2	1			
Typhoid Fever		-	-	-	-	-	-	-	-	-		VIOLENT DEATHS†												
Typhoid Fever		-	-	-	-	-	-	-	-	-		(ACCIDENT.)												
Typhoid Fever		-	-	-	-	-	-	-	-	-		By Railways	2	2	-	-	-	-	2	-	-			
Typhoid Fever		-	-	-	-	-	-	-	-	-		By Vehicles or Horses	7	7	-	-	1	2	3	1	-			
Typhoid Fever		-	-	-	-	-	-	-	-	-		In Ships, Boats, Docks, (exclusive of Drowning)	1	1	-	-	-	-	1	-	-			
Typhoid Fever		-	-	-	-	-	-	-	-	-		In Building Operations	1	1	-	-	-	-	1	-	-			
Typhoid Fever		-	-	-	-	-	-	-	-	-		In Conflagrations	-	-	-	-	-	-	-	-	-			
Typhoid Fever		-	-	-	-	-	-	-	-	-		By Burns, Scalds, Explosions	56.6	4	1	1	1	-	-	1	-			
Typhoid Fever		-	-	-	-	-	-	-	-	-		By Drowning	3	3	-	-	-	-	2	-	1			
Typhoid Fever		-	-	-	-	-	-	-	-	-		By Suffocation in Bed	9	9	-	-	-	-	-	-	-			
Typhoid Fever		-	-	-	-	-	-	-	-	-		By Poisons or Poisonous Vapours	2	2	-	-	-	-	2	-	-			
Typhoid Fever		-	-	-	-	-	-	-	-	-		Other or not stated causes	14	14	3	-	1	1	2	6	1			
Typhoid Fever		-	-	-	-	-	-	-	-	-		(VIOLENCE OTHER THAN ACCIDENTAL.)												
Typhoid Fever		-	-	-	-	-	-	-	-	-		Homicide	1.4	1	1	-	-	-	-	-	-			
Typhoid Fever		-	-	-	-	-	-	-	-	-		Suicide	8.3	10	-	-	1	3	6	-	-			
Typhoid Fever		-	-	-	-	-	-	-	-	-		Execution	-	-	-	-	-	-	-	-	-			
Typhoid Fever		-	-	-	-	-	-	-	-	-		OTHER CAUSES	58.1	42	38	4	-	-	-	-	-	-		

The numbers in this column are the average weekly deaths for the ten years 1889-93, raised by 5.213 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement." The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered in SUB-DISTRICT during the Week ending Saturday, 4th November, 1899.

The DEATHS registered during the Week include																		
REGISTRATION SUB-DISTRICTS.	Enu- me- rated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from												Inquest Cases.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.			
LONDON -	4,411,710	2,613	1,626	352	421	-	33	7	39	14	-	29	-	22	54	122	508	
WEST DISTRICTS	778,251	378	249	48	72	-	4	1	4	1	-	7	-	5	8	11	8	
NORTH DISTRICTS	1,040,694	534	350	66	104	-	4	2	14	3	-	5	-	3	15	30	11	
CENTRAL DISTRICTS	233,635	127	97	20	24	-	2	-	1	-	-	2	-	2	7	7	3	
EAST DISTRICTS	716,334	524	314	77	66	-	4	1	2	5	-	4	-	2	13	38	10	
SOUTH DISTRICTS	1,642,796	1,050	586	141	143	-	19	2	18	5	-	11	-	9	17	36	149	
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*	-	-	30	-	12	-	-	1	-	-	-	-	-	1	-	-	30	
WEST DISTRICTS.																		
St. Mary Paddington } G. & W.	90,996	43	24	3	11	-	-	-	-	-	-	-	-	1	1	2	6	
WHH - - -																		
St. John Paddington H - - G.	33,510	8	5	-	2	-	-	-	-	-	-	1	-	-	-	-	2	
Kensington Town Ww - - W.	122,164	57	50	8	14	-	1	-	-	-	-	-	-	-	-	2	28	
Brompton HH - - W. & C.	48,301	14	9	-	3	-	-	-	-	-	-	-	-	-	1	2	2	
North Hammersmith } H } W. & G.	44,638	29	17	4	5	-	-	-	-	-	-	1	-	-	1	2	1	
South Hammersmith } H }	59,581	22	13	2	4	-	-	-	-	-	-	1	-	-	1	1	2	
Fulham Ww - - W. & C.	113,781	89	40	12	7	-	3	1	4	1	-	3	-	-	3	1	17	
Chelsea Kensal Town - C.	21,450	11	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
Chelsea North WHHHH - C.	42,057	26	19	5	4	-	-	-	-	-	-	-	-	2	-	-	11	
Chelsea South HH - - C.	33,139	15	9	2	2	-	-	-	-	-	-	-	-	-	-	1	2	
May Fair W - - - G.	23,827	5	9	1	3	-	-	-	-	-	-	-	-	-	-	-	6	
Belgrave WHHH - - C.	56,140	22	19	4	3	-	-	-	-	-	-	-	-	1	1	2	8	
St. John Westminster HH - C.	31,492	14	14	5	5	-	-	-	-	-	-	-	-	1	-	-	-	
St. Margaret Westminster H- C.	22,097	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Westminster } N. & G.	23,050	7	10	-	6	-	-	-	-	-	-	-	-	-	-	-	9	
WH - - -																		
St. Anne Soho HHHHH - N.	12,048	11	3	2	-	-	-	-	-	-	-	1	-	-	-	-	-	
NORTH DISTRICTS.																		
All Souls Marylebone } - - W.	36,595	14	12	2	3	-	-	-	-	-	-	1	-	-	1	1	10	
HHHHHHHHH - - -																		
Rectory Marylebone W } G. & W.	19,798	6	5	2	2	-	-	-	-	-	-	-	-	-	-	-	3	
St. Mary Marylebone } HHHH } G. & W.	19,637	15	5	-	3	-	-	-	1	-	-	-	-	-	-	1	-	
Christchurch Marylebone H - W	32,547	16	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. John Marylebone HHH - W.	32,611	11	6	3	-	-	-	-	-	-	-	-	-	-	1	2	-	
Hampstead } - N. & W.	75,449	37	29	1	7	-	-	1	6	-	-	1	-	-	-	-	17	
WvHHHH - - -																		
Regent's Park Pancras HH - W.	37,341	14	7	-	3	-	-	-	-	-	-	-	-	-	-	-	1	
Tottenham-court } - N. & W.	26,757	8	13	1	2	-	1	-	-	-	-	-	-	-	2	2	8	
W HHHHHH - - -																		
Gray's Inn Lane HHHH - N.	29,426	18	10	2	4	-	-	-	-	-	-	-	-	-	1	2	4	
Somers Town HH - - N.	32,161	11	10	1	3	-	-	-	-	-	-	-	-	-	1	-	1	
Camden Town WH - - N.	16,669	14	10	1	5	-	-	-	-	-	-	-	-	-	1	-	8	
Kentish Town WW - - N.	98,410	56	32	8	9	-	-	-	-	2	-	-	-	-	-	2	4	
Upper Holloway } - - N.	98,273	35	50	9	14	-	2	-	-	1	-	1	-	-	1	7	28	
WVWWvHH - - -																		
Islington South-west H - N.	107,365	54	24	5	6	-	1	-	1	-	-	-	-	-	-	1	1	
Islington South-east - - N.	66,549	42	18	-	5	-	-	-	-	-	-	-	-	-	1	1	-	
Highbury HH - - N.	64,577	31	27	3	14	-	-	-	1	-	-	-	-	-	2	2	2	
Stoke Newington H - - N.	33,485	20	9	1	5	-	-	-	-	-	-	-	-	-	-	-	-	
North Hackney - - E. & N.	28	10	4	3	-	-	-	-	-	-	-	-	-	-	1	1	-	
Central Hackney Ww - E. & N.	28	16	5	3	-	-	1	4	-	-	-	1	-	-	-	-	-	
South-west Hackney HHH E. & N.	213,044	28	26	8	6	-	-	-	-	-	-	-	-	-	4	5	7	
South-east Hackney WvHH E. & N.	38	25	7	7	-	-	-	-	1	-	-	1	-	-	1	2	1	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated the namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G, sign River; E, East London; and K, the Kent Company.

\* See note † on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and re-named North Hammersmith and South Hammersmith, respectively.



### REGISTRATION SUB-DISTRICTS

† The Sub-District of St. Botolph and Broad Street were united on 1st September 1897.  
 The Chapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 4th November, 1899—continued.

The DEATHS registered during the Week include																	
REGISTRATIONS SUB-DISTRICTS		Enu- mer- ated Popu- lation, 1995.	Total Births.	Total Deaths.	Deaths of		Deaths from										Inquest Cases.
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Continued Fever.	Diarrhoea.	Violence.	
SOUTH DISTRICTS.																	
Christchurch Southwark	WHL & S.	13,064	7	9	1	2	-	2	-	-	-	-	-	-	-	1	1
St. Saviour Southwark	- S.	12,301	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Kent-road	- S. & L.	22,879	21	3	-	1	-	1	-	-	-	-	-	-	-	-	-
Borough-road	WH - S. & L.	16,083	16	8	-	3	-	-	-	-	-	-	-	-	-	1	-
London-road	HL - L. & S.	21,316	9	6	3	1	-	-	-	-	-	-	-	-	-	1	3
Trinity Newington	- S. & L.	28,723	22	9	2	-	-	1	-	-	-	-	-	-	-	-	-
St. Peter Walworth	W - S. & L.	62,045	47	14	4	3	-	1	-	-	-	-	-	-	-	-	1
St. Mary Newington	- L. & S.	30,171	30	13	4	4	-	-	-	-	-	-	-	-	-	1	1
St. Olave	WH - - - S.	11,731	5	19	3	5	-	-	-	1	-	-	-	-	-	5	5
Bermudsey	W - - - S.	85,475	67	35	12	8	-	3	1	-	-	-	-	-	-	-	-
Rotherhithe	Ww - - S. & K.	40,379	25	20	3	7	-	-	-	-	-	-	-	-	1	2	4
Waterloo-road	HH - L. & S.	28,396	28	12	5	-	-	1	-	-	-	-	-	-	-	-	-
Lambeth Church 1st	H - L. & S.	18,770	18	11	1	1	-	1	-	-	1	-	-	-	-	1	1
Lambeth Church 2nd	WW - L. & S.	40,994	26	25	3	7	-	-	-	-	-	-	-	-	-	-	-
Kennington 1st	H - S. & L.	52,486	49	12	5	1	-	-	-	-	1	-	-	-	-	-	-
Kennington 2nd	- S. & L.	43,244	16	11	4	3	-	-	-	-	-	-	-	-	1	-	-
Brixton	w - L. & S.	81,825	35	19	5	5	-	-	-	1	-	-	1	-	-	-	1
Norwood	WH - - L.	29,318	12	9	3	3	-	-	-	-	-	-	-	-	-	-	1
East Battersea	- - - S.	71,730	52	19	3	1	-	2	-	-	-	-	-	-	-	1	3
West Battersea	WwH - - S.	93,385	61	38	7	16	-	1	-	1	2	-	-	-	-	-	-
Clapham	H - - S.	46,953	19	13	-	4	-	2	-	1	-	-	-	-	-	-	-
Wandsworth	WHHL - - S.	58,101	36	17	7	4	-	-	-	-	-	-	-	-	1	-	2
Putney	- - - S.	20,566	12	6	2	3	-	-	-	-	-	-	-	-	-	-	-
Streatham	WwwwL - L.	61,644	30	23	3	4	-	-	1	3	-	-	3	-	2	-	-
Dulwich	- - - L. & S.	7,519	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Camberwell	Wwll - S. & L.	90,286	41	58	9	17	-	1	-	1	-	-	-	-	-	2	5
Peckham	WW - S., L., & K.	88,242	56	28	13	4	-	-	-	-	-	-	-	-	-	-	1
St. George Camberwell	- L. & S.	67,029	47	13	2	3	-	-	-	1	-	-	-	-	-	-	-
Deptford North	- - - K.	36,152	40	7	2	5	-	-	-	-	-	-	-	-	-	-	-
Deptford Central	w - - K.	45,441	38	22	8	2	-	1	-	-	3	-	3	-	-	1	1
Deptford South	- - - K.	33,402	16	4	1	-	-	-	-	-	-	-	-	-	-	-	-
Greenwich West	H - - K.	25,012	14	6	1	-	-	-	-	-	-	-	-	-	-	-	1
Greenwich East	WH - - K.	37,767	27	36	8	9	-	1	-	1	-	-	-	-	-	2	2
Eltham	wH - - - K.	5,911	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Lee	H - - - K.	24,222	12	5	1	2	-	-	-	-	-	-	-	-	-	-	-
Lewisham	WwH - - - K.	38,139	27	16	2	4	-	-	-	4	1	-	-	-	-	1	1
Sydenham	H - - L.	37,601	10	4	1	1	-	-	-	-	-	-	-	-	-	-	-
Charlton	wHB - - K.	15,928	11	8	3	2	-	-	-	1	-	-	1	-	1	-	-
Woolwich Dockyard	- - - K.	19,355	11	6	4	2	-	-	-	-	-	-	-	-	-	-	-
Woolwich Arsenal	HHHH - K.	21,959	8	5	1	2	-	-	-	-	-	-	-	-	-	-	-
Plumstead West	H - - K.	16,714	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Plumstead East	WH - - K.	42,638	35	10	3	1	-	-	-	-	-	-	-	-	-	-	-
Banstead Asylum	- - -	-	-	7	-	2	-	-	-	-	-	-	-	-	-	-	-
Horton Asylum, Epsom	- - -	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Caterham Asylum	- - -	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Cane Hill Asylum	- - -	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Hospital Ships and Camp, Dartford	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Darenth Asylum	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London County Asylum, Dartford	- - -	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-
Heath	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hanwell Asylum	- - -	-	-	5	-	1	-	-	-	-	-	-	-	-	-	-	-
Colney Hatch Asylum	- - -	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
N.E. Hospital	- - -	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-
Winchmore Hill Hospital	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leavesden Asylum	- - -	-	-	6	-	3	-	-	-	-	-	-	-	-	1	-	-
Claybury Asylum	- - -	-	-	4	-	2	-	-	-	-	-	-	-	-	-	-	-

—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE, SPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 4th November, 1899.

REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include														
					Deaths of 1 Year of Age.	Persons aged 60 Years & upwards.	Deaths from										Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death
							Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.					
DON—OUTER RING	368,749	1,422,063	1142	497	123	121	-	11	5	19	2	12	4	20	36	66	7		
Carshalton H	12,228	26,108	12	10	1	4	-	-	-	-	-	1	-	1	1	-	-		
Epsom, part of* WwHH	10,423	12,508	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Godstone, part of* W	2,754	1,598	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Croydon WwHHH	20,851	128,699	77	48	12	20	-	-	-	1	1	1	1	2	5	9	-		
Mitcham w	11,697	23,072	18	7	4	1	-	-	-	-	-	-	-	-	-	-	1		
Wimbledon HHH	3,220	25,777	28	7	1	2	-	-	-	-	-	-	-	1	1	-	-		
Kingston WH	-	33,566	18	9	1	3	-	-	-	-	-	-	-	-	-	2	-		
Surbiton H-	14,872	12,178	6	4	-	-	-	-	-	-	-	-	-	1	1	-	-		
Esher, part of* HH	-	11,080	8	4	-	1	-	-	-	-	-	-	-	-	1	-	-		
Hampton HL	4,565	18,252	14	5	1	1	-	-	-	-	-	-	-	-	-	-	-		
Richmond WH	2,160	25,389	12	12	2	5	-	1	-	-	-	-	-	3	4	5	-		
Mortlake H	2,823	16,159	9	3	1	-	-	-	-	-	-	-	-	1	1	-	-		
Bromley HHH	9,127	23,815	9	8	3	1	-	-	-	1	-	-	-	-	1	2	-		
Beckenham H	6,542	21,969	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Chislehurst, part of* WHH	14,307	20,372	10	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
Bexley HHH	12,540	30,590	31	12	4	4	-	-	-	-	-	-	-	-	-	-	1		
Dartford WH, part of*	-	-	-	2	1	1	-	-	-	-	-	-	-	-	-	2	-		
Sunbury w	11,054	13,671	12	8	-	4	-	-	-	-	-	-	-	1	1	-	1		
Staines WH	13,277	13,221	10	4	1	3	-	-	-	-	-	-	-	-	-	2	-		
Hillingdon WHH	6,035	12,237	10	5	1	2	-	-	-	-	-	-	-	1	1	-	-		
Uxbridge	12,757	7,253	2	1	-	-	-	-	-	-	-	-	-	1	1	-	-		
Hayes wH	7,952	11,051	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Uxbridge WHH	-	6,967	12	5	-	-	-	-	-	-	-	-	-	-	-	2	-		
Twickenham HH	-	2,415	15	3	1	1	-	-	-	-	-	-	-	-	-	-	-		
Brentford HHHH	-	4,318	15	14	2	4	-	2	-	1	-	-	-	1	1	2	-		
Chiswick	-	1,245	16	11	5	1	-	-	-	-	-	-	-	-	-	-	-		
Acton WHH	-	6,132	20	9	1	3	-	1	1	-	-	-	-	-	1	-	1		
Harrow HHH	13,809	15,715	10	4	-	1	-	-	-	-	-	-	-	-	-	-	-		
Edgware HH	6,994	3,844	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Willesden HHH	4,383	61,265	65	17	4	2	-	-	-	-	-	-	-	-	2	2	1		
Hendon WH	8,382	15,843	7	5	-	3	-	-	-	-	-	-	-	-	-	-	-		
South Mimms HH	-	6,367	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Barnet WHH	21,077	14,152	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Finchley HHH	4,688	25,820	10	5	1	2	-	-	-	-	-	-	-	1	1	-	-		
Hornsey HH	3,039	61,097	35	12	3	1	-	1	1	-	-	-	-	-	-	-	-		
Tottenham HH	-	97,174	81	32	12	8	-	-	-	-	-	-	-	-	-	1	-		
Edmonton WwW	7,489	36,351	43	21	5	3	-	-	2	-	-	1	-	1	2	7	-		
Enfield WWHH	12,602	31,536	28	10	3	3	-	-	-	1	-	-	-	-	-	-	-		
Waltham Abbey	11,017	6,066	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cheshunt H	8,480	9,620	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hatfield, part of* W-	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bushey H	9,331	7,737	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
Watford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Stratford H	-	38,612	37	16	3	2	-	1	-	-	-	1	-	-	-	-	-		
Plaistow HHH	-	53,030	66	31	12	2	-	-	-	4	1	3	-	-	-	4	-		
Wanning Town H	-	54,750	62	25	8	3	-	2	-	2	-	1	1	1	1	1	1		
Forest Gate w	-	53,511	35	17	5	5	-	1	-	-	-	-	-	1	1	1	1		
East Ham wHH	3,266	32,713	55	20	4	6	-	-	-	3	-	-	-	1	3	-	-		
Leyton WWWWH	4,334	70,188	78	43	14	6	-	1	-	1	-	2	2	1	2	16	-		
Walthamstow HHHH	6,501	57,330	72	21	4	9	-	1	-	2	-	-	-	-	-	-	-		
Chigwell, part of* HHHH	11,779	12,941	2	4	-	1	-	-	-	-	-	-	-	-	-	-	-		
Epping WH, part of*	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	2	-		
Romford, part of* WH	6,556	4,324	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hford	8,493	10,913	20	5	1	-	-	-	-	-	-	1	-	-	1	-	-		
Barking Town, H	3,814	14,301	14	2	1	-	-	-	-	-	-	-	-	1	1	-	-		
N.W. Fever Hospital, Hampstead.	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	-		
London Fever Hospital, Islington.	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	1	-		
Middlesex County Asylum, Wandsworth.	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
V. Fever Hosp., Fulham	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-		

parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring  
 lows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warringham  
 by in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst  
 district, except the parishes of Chislefield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in  
 sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping  
 0); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for  
 Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.



TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 4th November, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.		
GREATER LONDON	443,421	6,528,434	17.0	1.6	2123	475	542	-	44	12	58	16	41	26	7		
INNER LONDON -	74,672	4,546,752	18.6	1.6	1626	352	421	-	33	7	39	14	29	22	5		
OUTER RING -	368,749	1,981,682	13.1	1.4	497	123	121	-	11	5	19	2	12	4	2		

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZY DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	
EDINBURGH -	298,927	Nov.	4	137	104	18.1	-	2	2	3	3	2
GLASGOW -	733,903	"	4	474	284	20.2	-	15	7	3	1	4
DUBLIN -	349,594	"	4	225	216	32.2	-	38	-	3	2	-
CALCUTTA -	466,460	Sept.	30	-	-	-	-	-	-	-	-	-
BOMBAY -	821,764	Oct.	10	259	785	49.7	3	7	?	?	?	24
MADRAS -	452,618	Sept.	29	420	316	36.3	1	5	?	?	?	71
PARIS -	2,511,629	Oct.	28	1138	925	19.1	-	3	1	6*	3	13
BRUSSELS -	561,130	"	28	236	171	15.9	-	1	-	2*	1	?
AMSTERDAM -	517,595	"	21	295	129	12.9	-	-	-	2	-	1
ROTTERDAM -	315,305	"	21	233	76	12.5	-	-	-	-	-	-
THE HAGUE -	199,285	"	21	110	54	14.1	-	-	1	-	-	-
COPENHAGEN -	349,000	"	28	148	109	16.3	-	-	3	1	3	-
STOCKHOLM -	291,580	"	21	141	83	14.8	-	-	1	5*	1	-
CHRISTIANIA -	221,255	"	28	187	52	12.2	-	-	-	-	-	-
ST. PETERSBURG	1,132,677	"	21	575	426	19.6	-	9	6	21	3	11
MOSCOW -	988,610	"	21	-	445	23.5	-	-	4	8	2	4
BERLIN -	1,818,517	Sept.	30	-	-	-	-	-	-	-	-	-
HAMBURG -	675,351	Oct.	28	-	198	15.2	-	-	-	3*	4	-
DRESDEN -	397,900	Sept.	30	-	-	-	-	-	-	-	-	-
BRESLAU -	406,012	Oct.	28	-	169	21.7	-	4	1	3	2	-
MUNICH -	445,000	"	28	-	175	20.5	-	-	-	2*	1	-
VIENNA -	1,623,134	"	21	914	500	15.9	-	3	3	6*	1	2
PRAGUE -	384,622	"	21	174	158	21.3	-	-	4	-	1	2
BUDA-PESTH -	666,722	"	21	468	243	19.0	-	3	14	-	1	4
TRIESTE -	166,599	"	14	114	79	24.6	-	-	4	2*	-	-
ROME -	508,779	"	7	229	165	16.9	-	-	-	-	-	11
TURIN (10 days)	344,203	Sept.	10	210	141	15.0	-	-	-	-	1	3
VENICE -	172,288	Oct.	14	79	65	19.7	-	-	-	2*	-	2
CAIRO -	570,062	Sept.	9	432	346	31.6	-	9	-	6*	-	9
ALEXANDRIA -	319,766	"	9	201	182	29.6	1	-	-	-	1	4
NEW YORK (including BROOKLYN)	3,550,063	"	30	1218	1080	15.9	-	9	2	20	11	16
PHILADELPHIA -	1,266,832	Oct.	14	-	382	15.7	-	-	3	17	4	4

\* Including deaths from croup.

† Including 133 deaths from plague in Bombay and 1 in Alexandria.

§ Including 5 deaths from malarial fever.

1899.

Phases of the Moon.		Mean daily corrected and reduced to 32° Fahr. (bet.).	Of the Air.				Of the Dew point.				Of the Air and Dew Point Temperature.				Degrees of Humidity (Ratio equals 100).		Radiation		Of the Earth 3 feet below the Surface.	General Direction.		Pressure on the Square foot.		Robinson's.		Ozone collected by gauge whose receiving station is placed above the ground.		
			High-est.	Low-est.	Daily Range.	Mean value.	De-parture from Average 30 years.	Mean daily value.	Greatest.	Least.	Highest in Sun's rays.	Lowest on Grass.	°	°	°	°	°	°		A.M.	P.M.	Greatest.	Least.	Mean hourly obs.	Horizontal Movement of the Air on each Day.		Departure from Average of 16 Years.	
OCTOBER.																												
SUNDAY	- 29	..	29.744	61.0	52.8	8.2	56.8	°	°	°	52.8	4.0	6.3	1.9	87	83.5	46.1	53.92	°	°	°	°	°	°	°	°	°	°
MONDAY	- 30	In Equator	29.633	58.1	44.4	13.7	47.3	+ 0.3*	°	°	45.2	2.1	7.4	0.0	92	61.1	36.5	53.95	°	°	°	°	°	°	°	°	°	°
TUESDAY	- 31	..	29.938	55.0	41.2	13.8	48.4	+ 1.6	°	°	40.5	7.9	13.2	3.3	74	95.0	32.9	53.80	°	°	°	°	°	°	°	°	°	°
WEDNESDAY	1	..	29.728	57.0	40.0	17.0	49.9	+ 3.2	°	°	41.0	8.9	14.1	0.9	71	105.2	35.4	53.29	°	°	°	°	°	°	°	°	°	°
THURSDAY	- 2	..	29.397	61.8	53.6	8.2	57.9	+ 11.4	°	°	54.7	3.2	5.5	1.7	89	85.2	44.0	52.89	°	°	°	°	°	°	°	°	°	°
FRIDAY	- 3	New	29.368	59.0	48.9	10.1	54.1	+ 7.8	°	°	46.6	7.5	11.8	1.2	76	85.2	47.0	52.90	°	°	°	°	°	°	°	°	°	°
SATURDAY	- 4	..	29.481	62.0	48.8	13.2	57.7	+ 11.6	°	°	55.8	1.9	4.4	0.6	94	73.2	48.4	52.93	°	°	°	°	°	°	°	°	°	°
MEANS	-		29.613	59.1	47.1	12.0	53.2	+ 6.5	°	°	48.1	5.1	9.0	1.4	83	84.1	41.5	53.27	°	°	°	°	°	°	°	°	°	°
No. of Column	-	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26			

DATE.		ELECTRICITY.		Registered		Sun above		GENERAL REMARKS.	
OCTOBER.		(For explanation of symbols, see Notes.)		in hours.		in hours.			
SUNDAY - 29	-	w. P. throughout -	-	1.2	98	98	98	Cloudy; frequent rain. Brisk wind after 11h. A.M. Mild.	
MONDAY - 30	-	w. P. throughout -	-	0.1	97	97	97	Overcast, with frequent rain till noon; fine, with large amounts of cloud afterwards.	
TUESDAY - 31	-	w. P. throughout -	-	7.8	97	97	97	Cloudy till 8h. A.M.; very fine, with small amounts of cloud afterwards. Cloudless at night.	
WEDNESDAY - 1	-	w. P. throughout -	-	8.7	96	96	96	Very fine till 10h. P.M.; overcast afterwards.	
THURSDAY - 2	-	Instrument under adjustment.	-	0.4	95	95	95	Generally overcast; frequent rain. A very mild day.	
FRIDAY - 3	-	No Register till noon; w. P. till 8h. P.M.; w. P. and w. N. afterwards.	-	4.1	95	95	95	Cloudy in early morning, with a shower at 6h. 30m. A.M.; fine and partially cloudy till afternoon; overcast, with frequent rain after 5h. P.M. A gale of wind between 8h. A.M. and 9h. P.M. Mild.	
SATURDAY - 4	-	w. P. and w. N. till 5h. A.M.; w. P. afterwards.	-	0.2	94	94	94	Overcast, with heavy rain in morning; cloudy, with frequent slight rain afterwards. Strong gusty wind at night. Very mild.	
Sum	-	Sum	-	29.5	672	672	672		
No. of Col. -	-	27	-	28	29	29	29		

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea ; no correction has been applied to the readings to reduce to sea level.

The observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the observations are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer the combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily value of point temperature and degree of humidity are deduced from the mean values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: - P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 29.83 in. at the beginning of the week to 29.40 in. by 7h. A.M. on October 30th increased to 30.01 in. by 6h. P.M. on October 31st; decreased to 29.35 in. by 4h. P.M. on November 1st; increased to 29.45 in. by 9h. A.M. on November 3rd; decreased to 29.27 in. by 4h. P.M. on same day; and increased to 29.49 in. by the end of the week.

LONDON:  
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1899.



# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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General Register Office, Somerset House,  
November 13th, 1899.

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 18·0 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Oct. 21.	Oct. 28.	Nov. 4.	Nov. 11.		Oct. 21.	Oct. 28.	Nov. 4.	Nov. 11.
33 Great Towns	19·0	21·1	18·8	18·0	Leicester - -	16·6	14·9	18·3	20·2
Birkenhead -	16·8	22·2	18·1	19·0	Liverpool - -	28·4	27·7	21·6	25·1
Birmingham -	19·5	20·5	19·5	19·4	London - - -	18·0	21·1	18·6	17·3
Blackburn -	19·7	17·7	17·4	24·3	Manchester - -	23·6	24·4	21·6	19·3
Bolton - - -	18·3	19·0	25·7	16·1	Newcastle-on-Tyne	20·3	20·8	19·8	16·6
Bradford - -	19·6	21·0	17·4	16·8	Norwich - - -	11·5	13·4	14·7	17·5
Brighton - -	13·1	17·8	11·8	14·0	Nottingham - -	15·9	19·6	17·6	18·3
Bristol - - -	23·7	29·7	23·6	24·9	Oldham - - -	17·3	20·4	18·7	19·7
Burnley - - -	19·4	18·9	14·8	16·1	Plymouth - - -	22·3	14·0	16·1	17·6
Cardiff - - -	15·2	10·1	13·5	16·6	Portsmouth - -	15·9	19·1	15·6	17·2
Croydon - - -	9·8	12·7	13·9	10·2	Preston - - -	18·6	18·6	21·3	18·6
Derby - - -	10·8	12·7	11·3	10·3	Salford - - -	24·4	24·8	22·9	19·4
Gateshead - -	21·0	20·6	21·5	15·7	Sheffield - - -	20·6	27·3	21·5	16·5
Halifax - - -	16·0	14·4	16·5	10·7	Sunderland - -	20·1	23·3	19·0	18·6
Huddersfield-	17·6	14·1	13·1	13·1	Swansea - - -	13·6	21·1	15·6	11·1
Hull - - - -	16·9	19·8	18·7	16·7	West Ham - - -	18·4	18·9	16·3	14·1
Leeds - - - -	19·3	22·1	17·8	20·2	Wolverhampton -	19·4	19·4	24·1	20·0

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·1 in Bradford and in Hull, 1·2 in Salford, and 2·7 in Birkenhead; from *scarlet fever*, 1·0 in Oldham; from *whooping-cough*, 1·0 in Salford; and from "*fever*," 1·2 in Wolverhampton, in Blackburn, and in Sheffield, and 2·0 in Nottingham. In none of the thirty-three towns did the death-rate from *diarrhœa* reach 1·0 per 1000. The 135 deaths from *diphtheria* included 68 in London, 10 in Sheffield, 7 in Leeds, 7 in Leicester, 6 in West Ham, 6 in Liverpool, 5 in Portsmouth, 5 in Birmingham, 5 in Manchester, 5 in Blackburn, and 3 in Brighton. Two deaths from *small-pox* were registered in Hull, but not one in any other of the thirty-three towns.

#### LONDON.

In LONDON† 2711 BIRTHS and 1506 DEATHS were registered. Allowing for increase of population, the births were 28 above, and the deaths 156 below, the average numbers in the corresponding weeks of the last ten

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 18.0, 21.1, and 18.6 in the preceding three weeks, further fell last week to 17.3. During the four weeks ending on Saturday last the death-rate averaged 18.8 per 1000, being 0.5 per 1000 above the mean rate in the corresponding periods of the ten years 1889-98.

The 1506 deaths included 42 from measles, 14 from scarlet fever, 68 from diphtheria, 11 from whooping-cough, 51 from enteric fever, 13 from diarrhoea and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 199 deaths were referred to these diseases, being 17 above the corrected average weekly number.

The deaths from *measles*, which had been 26, 34, and 33 in the preceding three weeks, rose last week to 42, but were 3 below the corrected average; 11 cases belonged to Battersea, 5 to Lambeth, 5 to Fulham, and 5 to Bethnal Green sanitary areas. The deaths from *scarlet fever*, which had been 6, 14, and 7 in the preceding three weeks, rose again last week to 14, but were 9 below the corrected average. The deaths from *diphtheria*, which had been 60, 59, and 39 in the preceding three weeks, rose again last week to 68, and were 16 above the corrected average; 7 cases belonged to Islington, 6 to Camberwell, 6 to Lewisham, 4 to Fulham, 4 to St. Pancras, 4 to Poplar, 4 to Lambeth, 3 to Mile End Old Town, 3 to Paddington, and 3 to Kensington sanitary areas. The deaths from *whooping-cough*, which had been 6, 10, and 14 in the preceding three weeks, fell again last week to 11, and were 12 below the corrected average. The fatal cases of *enteric fever*, which had been 15, 40, and 29 in the preceding three weeks, rose again last week to 51, and were 31 above the corrected average; 5 cases belonged to Hackney, 4 to Fulham, 4 to Mile End Old Town, 3 to Bethnal Green, 3 to Limehouse, and 3 to Battersea sanitary areas. The deaths from *diarrhoea*, which had been 25, 17, and 22 in the preceding three weeks, fell again last week to 13, and were 5 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 306, 477, and 418 in the preceding three weeks, further fell last week to 325, and were 66 below the corrected average. The deaths attributed directly to *influenza* numbered 14, having been 5, 18, and 19 in the preceding three weeks.

Different forms of violence caused 75 deaths, concerning all of which inquests were held. Of these 75 deaths, 5 were cases of suicide, while the remaining 70 were attributed to accident or negligence. Five of these were referred to vehicles in the streets, 10 to burns and scalds, 5 to drowning, and 13 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3564 cases of scarlet fever, 1692 of diphtheria, and 426 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 328 cases, against 447, 414, and 331; of diphtheria, 218 cases, against 269, 259, and 230; and of enteric fever, 79 cases, against 50, 44, and 103.

#### GREATER LONDON.

In Greater London 3,860 births and 1,978 deaths were registered, corresponding to annual rates of 30.8 and 15.8 per 1000 of the estimated population. In the Outer Ring 5 deaths from measles, 3 from scarlet fever, 18 from diphtheria, 2 from whooping-cough, 9 from "fever," and 9 from diarrhoea were registered. Twelve deaths from diphtheria and 5 from "fever" occurred in West Ham District.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29.65 inches, and that of the Thermometer 50°.9; the latter being 6°.4 above the week's average in the 50 years 1841-90. The direction of the wind was south-westerly, the horizontal movement of the air being 57 per cent. above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 20.9 hours; the measured rainfall amounted to 2.33 inches.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases, the diagnosis is found after sojourn in the Hospital to have been erroneous.



# RETURNS OF LONDON WATER COMPANIES.

The LONDON WATER COMPANIES have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of October, 1899. The supply was in the ratio of 230 gallons to one service.

COMPANIES.	Number of Services.		Daily Supply of Water in Gallons.	
	OCTOBER, 1898.	OCTOBER, 1899.	OCTOBER, 1898.	OCTOBER, 1899.
TOTAL SUPPLY - - -	869,014	891,848	203,746,355	205,396,316
From Thames - - - - -	417,655	426,634	114,053,048	110,297,334
From Lea and from other Sources -	451,359	465,214	89,693,307	95,098,982
THAMES.				
Chelsea - - - - -	38,085	38,343	12,078,842	12,661,312
West Middlesex - - - - -	83,159	84,796	21,372,626	20,966,901
Southwark and Vauxhall - - -	122,069	123,347	32,276,124	31,347,760
Grand Junction - - - - -	63,277	65,382	19,992,256	19,945,000
Lambeth - - - - -	111,065	114,766	28,333,200	25,376,361
LEA AND OTHER SOURCES.				
New River - - - - -	165,342	168,207	38,967,509	37,659,472
East London - - - - -	197,176	204,193	34,202,000	40,447,477
Kent - - - - -	88,841	92,814	16,523,798	16,992,033

*Note.*—The Return for October, 1899, as compared with that for the corresponding month of 1898, shows an increase of 22,834 services and of 1,649,961 gallons of water supplied daily.

## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING OCTOBER, 1899.

*Government Laboratory,  
Clement's Inn Passage,  
Strand, London, W.C.,  
November 1, 1899.*

SIR,

I have to report to you the results of the chemical analysis and physical examination of the waters supplied to the Metropolis during the month of October, 1899.

In order to preserve the continuity of the records and to facilitate comparison, I have considered it desirable, for the present at least, to present these results in the manner adopted by the late Sir Edward Frankland.

Taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December, 1876, as unity, the proportional amount contained in an equal quantity of water supplied by each of the Metropolitan Water Companies was:—Kent 0·9, New River 1·1, East London, Chelsea, and West Middlesex 2·4, Grand Junction and Lambeth 2·5, and Southwark 2·6.

The water delivered by the five Companies drawing water from the River Thames was, in every case, clear and of good chemical quality.

The water abstracted from the River Lea by the New River and East London Companies was, after storage and filtration, delivered in a clear condition. The water of the New River Company was, chemically, but little inferior to that of the deep-well water of the Kent Company; and that delivered by the East London Company was similar in quality to that supplied by the Thames Companies.

The water of the Kent Company was clear and of a high degree of organic purity.

Seen through a stratum two feet deep, the Kent water was colourless, the New River nearly colourless, and the remaining waters very pale yellow.

I am, Sir,  
Your obedient servant,  
T. E. THORPE.

The Registrar-General,  
Somerset House, W.C.



# *Analysis of Metropolitan Waters.*

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES.		Date and Place of Collection.	Temperature in Centigrade degrees.	Total Solid Matter.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen as Ni- trates and Nitrites.	Total Combined Nitrogen.	Chlorine.	Total Hardness.	
Inner Circle.	THAMES.		°									
	Chelsea - - -	{ October 17th. Cab Rank, Horse Guards, Whitehall.	11.5	23.80	.121	.018	0	.131	.149	1.8	15.4	
	West Middlesex -	{ October 17th. Cab Rank, Riding House- street.	11.7	23.72	.128	.016	0	.159	.175	1.8	15.6	
	Southwark - - -	{ October 17th. Cab Rank, St. George's Church, Borough.	10.8	25.76	.131	.023	0	.186	.209	1.8	16.0	
	Grand Junction -	{ October 17th. Cab Rank, Portman- street, Oxford-street.	10.6	25.36	.124	.026	0	.209	.235	1.8	16.3	
	Lambeth - - -	{ October 17th. Cab Rank, St. George's- road, Southwark.	11.2	26.48	.122	.026	0	.194	.220	1.9	16.6	
	LEA.											
	New River - - -	{ October 17th. Cab Rank, Tottenham Court-road.	10.3	32.96	.050	.014	0	.256	.270	1.9	19.1	
	East London - - -	{ October 17th. Cab Rank, Sidney-street, E.	11.3	29.88	.125	.018	0	.179	.197	2.0	16.7	
	DEEP WELL.											
Kent- - - -	{ October 17th. Police Station, Blackheath-road.	12.5	39.48	.044	.007	0	.440	.447	2.3	24.0		
Column 1.			2.	3.	4.	5.	6.	7.	8.	9.	10	11.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11 related to 100,000 parts of the waters. The Table is to be read thus:—The Chelsea Company's water, collected on the 17th October at the Horse Guards cab rank, had a temperature of 11.5° C.; 100,000 lbs. of it contained 23.80 lbs. of solid matter in solution; the organic substances, constituting a portion of this matter, contained .121 lb. of carbon and .018 lb. of nitrogen. The above quantity of water also contained no ammonia and .131 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was .149 lb. The above weight of water also contained 1.8 lbs. of chlorine, and 15.4 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

CITIES AND BOROUGH.	Population estimated to the middle of the year 1899.			Deaths of		Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhoid Fever.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes of Death.	Week's Deaths.		From All Causes.	From Diseases 6-12.	Highest.		Mean.		In Inches.	In Cent.	CITIES AND BOROUGH.													
	1.	2.	3.	4.	5.											6.	7.			8.	9.	10.	11.				12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
33 TOWNS	11,404,408	6738	3936	940	933	2	102	29	135	41	97	44	158	317	919	44	180	21	32'2	38'0	50'1	10'06	1'74	4'42	24.	33 TOWNS.													
LONDON	4,546,752	2711	1506	334	343	-	42	14	68	11	51	13	75	144	509	7	173	23	59'7	40'7	50'9	10'50	2'33	5'92	24.	LONDON.													
WEST HAM	300,241	151	81	26	14	-	2	1	6	2	3	2	4	8	11	-	141	24	-	-	50'9	10'50	-	-	24.	WEST HAM.													
CROYDON	127,759	73	25	4	12	-	-	-	-	-	1	2	-	1	3	-	102	12	59'5	39'5	48'9	9'94	2'75	6'38	24.	CROYDON.													
BRIGHTON	123,226	58	33	6	9	-	-	-	3	-	1	-	-	1	9	-	140	25	61'2	40'0	53'4	11'89	3'51	8'92	24.	BRIGHTON.													
PORTSMOUTH	190,741	110	63	7	15	-	-	-	5	-	2	-	-	5	12	-	172	22	59'5	41'0	52'2	11'22	3'53	8'97	24.	PORTSMOUTH.													
PLYMOUTH	100,637	53	34	2	15	-	1	-	1	-	2	-	2	4	9	-	176	10	57'0	44'5	51'1	10'61	2'00	5'08	24.	PLYMOUTH.													
BRISTOL	320,911	207	153	27	64	-	2	1	1	1	2	1	11	22	26	-	249	11	57'0	44'5	51'1	10'61	2'00	5'08	24.	BRISTOL.													
CARDIFF	185,826	107	59	12	15	-	-	-	1	-	-	1	4	4	16	-	166	0'6	-	-	-	-	-	-	-	24.	CARDIFF.												
SWANSEA	103,722	54	22	4	10	-	-	-	1	-	-	1	4	5	4	-	111	1'0	-	-	-	-	-	-	-	24.	SWANSEA.												
WOLVERHAMPTON	88,821	53	34	6	11	-	-	-	-	1	2	1	1	2	6	-	200	23	60'5	38'0	47'3	8'50	0'68	1'73	24.	WOLVERHAMPTON.													
BIRMINGHAM	514,956	344	192	54	44	-	4	1	5	3	2	4	7	8	29	5	194	1'3	-	-	-	-	-	-	-	24.	BIRMINGHAM.												
NORWICH	113,266	69	38	14	10	-	-	-	-	-	-	-	1	1	8	-	175	-	61'0	39'8	49'5	9'72	1'52	3'36	24.	NORWICH.													
LEICESTER	213,851	102	83	24	22	-	-	2	7	2	1	3	4	7	12	3	202	3'7	-	-	-	-	-	-	-	24.	LEICESTER.												
NOTTINGHAM	239,384	121	84	22	25	-	3	-	-	-	9	1	3	6	20	-	183	2'8	61'2	41'2	49'7	9'83	0'75	1'90	24.	NOTTINGHAM.													
DERBY	106,401	57	21	6	7	-	-	-	-	-	-	-	-	-	2	-	103	-	-	-	-	-	-	-	-	24.	DERBY.												
BIRKENHEAD	115,162	67	42	13	8	-	6	-	-	-	1	1	1	2	10	-	190	3'6	-	-	-	-	-	-	-	24.	BIRKENHEAD.												
LIVERPOOL	634,212	394	305	74	55	-	7	2	6	5	2	5	10	21	73	11	251	2'2	57'4	43'0	49'2	9'56	0'43	1'09	24.	LIVERPOOL.													
BOLTON	162,221	91	50	9	11	-	-	-	1	-	2	1	2	6	5	-	161	1'3	-	-	-	-	-	-	-	24.	BOLTON.												
MANCHESTER	543,002	332	201	47	48	-	3	-	5	1	-	1	6	15	43	1	193	1'0	-	-	-	-	-	-	-	24.	MANCHESTER.												
SALFORD	218,244	153	81	20	15	-	5	-	2	4	3	-	3	4	15	-	194	3'3	-	-	-	-	-	-	-	24.	SALFORD.												
OLDHAM	150,772	75	57	21	11	-	2	-	1	1	-	1	-	1	6	-	161	0'9	-	-	-	-	-	-	-	24.	OLDHAM.												
BURNLEY	113,081	60	35	11	6	-	2	-	-	1	3	1	3	5	7	1	243	4'6	-	-	-	-	-	-	-	24.	BURNLEY.												
BLACKBURN	135,154	80	63	14	14	-	2	-	5	1	3	1	3	5	7	1	186	0'9	-	-	-	-	-	-	-	24.	BLACKBURN.												
PRESTON	117,622	46	42	12	13	-	1	-	-	-	-	1	-	-	3	5	136	-	-	-	-	-	-	-	-	24.	PRESTON.												
HUDDESFIELD	108,461	53	26	6	7	-	-	-	-	1	-	-	1	1	1	1	131	0'5	57'2	40'2	47'9	8'83	0'30	2'29	24.	HUDDESFIELD.													
HALIFAX†	97,721	29	20	2	5	-	-	-	-	-	-	-	-	-	1	-	107	-	-	-	-	-	-	-	-	24.	HALIFAX.†												
BRADFORD†	236,241	113	76	18	21	-	5	-	-	1	2	1	-	4	10	-	168	2'0	62'2	44'0	50'1	10'06	0'71	1'80	24.	BRADFORD.†													
LEEDS	423,880	280	164	48	37	-	4	-	7	2	-	1	3	12	19	-	202	1'7	-	-	-	-	-	-	-	24.	LEEDS.												
SHEFFIELD	361,169	253	114	28	22	-	3	1	10	-	8	1	3	5	16	-	165	3'3	-	-	-	-	-	-	-	24.	SHEFFIELD.												
HULL	234,270	148	75	19	14	2	5	-	-	3	2	-	1	3	13	1	167	2'7	-	-	-	-	-	-	-	24.	HULL.												
SUNDERLAND	145,613	101	52	16	13	-	-	2	-	-	-	-	4	9	14	1	186	0'7	-	-	-	-	-	-	-	24.	SUNDERLAND.												
GATESHEAD	106,552	62	32	14	3	-	-	1	-	1	-	1	4	1	1	-	157	2'0	-	-	-	-	-	-	-	24.	GATESHEAD.												
NEWCASTLE	228,625	126	73	20	14	-	4	-	-	1	-	-	4	8	4	1	166	1'1	-	-	-	-	-	-	-	24.	NEWCASTLE.												

† The recent extension of the Borough of Halifax, and of the Borough of Bradford will not be taken into account in the Weekly Returns until 1900.

\* See note \* on first page of this return.

TABLE 2. LONDON.—Births and Deaths Registered in the FORTY-FIFTH Week of each of the Eleven Years, 1889–99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889–98.*	1899
<b>TOTAL Births</b>	2659	2173	2456	2435	2659	2657	2525	2736	2507	2696	2683.2	2711
Males - -	1339	1110	1236	1246	1378	1367	1314	1384	1291	1348	1364.9	1380
Females - -	1320	1063	1190	1189	1281	1290	1211	1352	1286	1348	1318.3	1331
<b>TOTAL Deaths</b>	1350	1734	1590	1538	1769	1249	1790	1713	1660	1405	1662.2	1503
Males - -	676	881	817	795	901	648	910	847	861	763	852.7	784
Females - -	674	853	773	743	868	601	880	866	799	637	809.5	719

\*The numbers in this column are the average weekly numbers in the forty-fifth week of the ten years 1889–98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Aug. 19.	Aug. 26.	Sept. 2.	Sept. 9.	Sept 16.	Sept. 23.	Sep 30.	Oct. 7.	Oct. 14.	Oct. 21.	Oct. 28.	Nov. 4.	Nov. 11.	
<b>TOTAL Births</b>	-	2671	2646	2532	2442	2675	2531	2399	2540	2549	2529	2495	2613	2711
<b>TOTAL Deaths</b>	-	2208	2100	1931	1934	1643	1649	1456	1564	1637	1567	1844	1626	1506
<b>Ages at Death</b>	Under 1 year	1043	916	805	744	572	502	379	359	333	318	376	352	334
	1-5 years	242	254	265	250	187	188	159	172	182	159	203	197	214
	5-20 "	88	89	80	75	80	106	80	86	89	92	118	86	116
	20-40 "	204	229	181	215	201	204	173	219	233	222	269	206	219
	40-60 "	298	290	261	313	282	309	330	339	330	342	391	363	280
	60-80 "	262	264	265	267	259	269	280	316	378	352	391	339	274
80 years and upward	71	58	74	70	62	71	55	73	87	82	96	83	69	
<b>Deaths from—</b>														
Small pox	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	-	48	52	34	33	17	17	15	21	20	26	34	33	42
Scarlet Fever	-	8	7	5	5	2	8	9	7	9	6	14	7	14
Diphtheria	-	33	29	29	24	22	42	44	55	56	60	59	39	68
Whooping-cough	-	28	18	31	25	16	19	23	10	10	6	10	14	11
Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever	-	11	16	18	12	18	24	19	19	21	15	40	29	51
Simple Continued Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery	-	481	426	368	322	233	162	81	53	49	25	17	22	13
Cholera	-	16	21	22	8	9	6	2	-	-	-	1	1	-
<b>All the above Diseases</b>	-	625	569	507	429	317	278	193	167	165	133	175	145	199
<b>Dis. of Respiratory System-</b>	-	148	169	131	170	133	138	156	215	275	306	477	418	325
Phthisis	-	151	162	140	167	183	139	157	173	180	203	203	157	133
<b>Dis. of Circulatory System-</b>	-	114	112	114	132	110	134	124	157	170	139	173	122	107
Violence	-	70	60	60	65	62	71	57	71	75	79	63	54	75
<b>Inquest Cases</b>	-	153	139	134	160	145	147	135	148	144	153	185	122	144
<b>Deaths in Public Institutions-</b>	-	517	526	484	559	464	482	481	501	541	558	577	507	509
<b>TEMPERATURE OF THE AIR.</b>														
Mean	-	66.5	67.4	65.5	65.6	57.5	54.6	52.1	49.3	47.3	47.4	51.8	53.2	50.9
Mean of Highest readings	-	77.4	79.8	74.1	76.5	67.0	63.5	61.0	56.6	58.9	56.6	57.4	59.1	56.2
Mean of Lowest readings	-	57.2	53.6	55.2	55.2	48.8	48.2	45.5	42.6	36.2	39.4	45.9	47.1	45.4
<b>Humidity of the Air</b>	-	64	63	71	70	73	68	76	86	82	82	90	83	78
<b>Rain-fall (in inches)</b>	-	0.00	0.00	0.29	0.54	0.27	0.36	1.01	0.50	0.12	0.00	1.30	1.81	2.33
<b>Registered Sunshine (in hours)</b>	-	49.4	74.8	53.4	47.5	23.5	38.3	32.5	12.2	38.9	43.3	7.8	22.5	20.9
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>														
Small-pox	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet Fever	-	-	2543	2538	2549	2640	2758	28.6	3003	3217	3408	3504	3539	3564
Diphtheria	-	-	1508	1512	1461	1486	1474	1487	1519	1595	1659	1700	1715	1692
Enteric Fever	-	-	196	203	213	224	235	252	275	308	331	342	407	426

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—B. H. Munby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Doobyyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak Hull.



LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the  
FORTY-FIFTH Week of the Year 1899.

DEATH	Corrected Averages for the 45th Week of 1889-98.	In the Week ending Saturday, 11th November 1899.										Corrected Averages for the 45th Week of 1889-98.	In the Week ending Saturday, 11th November 1899.									
		Deaths of Persons of the Ages											Deaths of Persons of the Ages									
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	CAUSES OF DEATH	ALL AGES.		Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.			
			0-1.	1-5.	5-20.																	
- -	1662.2	1506	334	214	116	219	280	274	69	Diseases of Circulatory System - - - -	140.9	107	-	2	5	14	37	43	6			
atedi -	-	-	-	-	-	-	-	-	-	Croup - - - -	6.5	2	-	2	-	-	-	-	-			
ccinated -	0.2	-	-	-	-	-	-	-	-	Bronchitis - - -	222.8	146	60	21	3	3	10	41	8			
atement -	0.3	-	-	-	-	-	-	-	-	Pneumonia - - -	129.2	149	41	47	7	17	23	14	-			
- - -	45.0	42	9	31	1	1	-	-	-	Pleurisy - - - -	6.1	5	-	-	3	2	-	-	-			
- - -	22.7	14	-	8	5	1	-	-	-	Other Diseases of Res- piratory System -	26.8	23	3	4	1	3	5	6	1			
- - -	-	-	-	-	-	-	-	-	-	Dentition - - - -	8.1	5	3	2	-	-	-	-	-			
- - -	9.3	14	2	1	1	2	2	4	2	Quinsy, Sore Throat -	2.2	3	-	2	-	-	-	-	-			
ed and } ver - }	22.9	11	5	6	-	-	-	-	-	Enteritis - - - -	14.5	12	4	-	2	2	3	1	-			
- - -	52.4	68	5	33	27	1	1	1	-	Gastro-enteritis - -	6.3	23	15	2	-	2	2	1	1			
ed and } ver - }	0.2	-	-	-	-	-	-	-	-	Peritonitis - - - -	25.6	5	1	-	1	1	-	2	-			
l. Diarr. -	20.0	51	-	1	13	30	6	1	-	Diseases of Liver -	27	27	1	-	4	12	10	-	-			
tery -	18.0	13	7	5	-	-	1	-	-	Other Diseases of Digestive System -	28.9	19	4	2	1	4	3	5	-			
- - -	0.1	-	-	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands - - - -	2.0	1	-	-	-	1	-	-	-			
- - -	0.1	-	-	-	-	-	-	-	-	Diseases of Urinary System - - - -	49.9	51	1	1	2	4	22	18	3			
ffects of }	0.4	-	-	-	-	-	-	-	-	Diseases of Generative System - - - -	6.2	3	-	-	-	3	-	-	-			
ons - }	9.4	9	7	-	-	1	1	-	-	Accidents of Childbirth -	4.5	4	-	-	-	3	1	-	-			
- - -	6.0	4	1	-	-	1	1	2	-	Diseases of Locomotive System - - - -	5.6	5	-	-	-	2	2	1	-			
pticæmia -	1.8	1	-	-	-	1	-	-	-	Diseases of Integumen- tary System - -	6.9	8	1	1	-	2	-	2	2			
- - -	6.2	5	-	-	-	4	1	-	-	VIOLENT DEATHS.† (ACCIDENT.)												
Diseases -	1.3	5	1	1	-	2	-	1	-	By Railways - - - -		3	-	-	-	2	1	-	-			
- - -	-	-	-	-	-	-	-	-	-	By Vehicles or Horses -		5	-	2	1	-	-	2	-			
- - -	0.9	-	-	-	-	-	-	-	-	In Ships, Boats, Docks, (exclusive of Drown- ing) - - - -		2	-	-	-	-	1	1	-			
er Para- }	0.6	2	-	-	-	2	-	-	-	In Building Operations -		2	-	-	-	1	1	-	-			
- - - }	-	-	-	-	-	-	-	-	-	In Conflagrations - -		1	-	1	-	-	-	-	-			
ant of }	2.1	1	1	-	-	-	-	-	-	By Burns, Scalds, Ex- plosions - - - -	53.8	10	-	7	-	-	1	1	1			
- - - }	10.5	9	-	-	-	1	7	1	-	By Drowning - - - -		5	-	-	2	1	1	1	-			
er. } of Heart }	12.0	15	1	-	4	2	7	1	-	By Suffocation in Bed -		13	13	-	-	-	-	-	-			
- - - }	2.5	1	-	-	-	1	-	-	-	By Poisons or Poisonous Vapours - - - -		-	-	-	-	-	-	-	-			
- - - }	2.7	2	-	-	-	-	2	-	-	Other or not stated causes - - - -		29	2	1	5	4	6	7	4			
- - - }	5.3	4	2	2	-	-	-	-	-	(VIOLENCE OTHER THAN ACCIDENTAL.)												
lea -	73.0	88	-	1	10	43	33	1	-	Homicide - - - -	1.3	-	-	-	-	-	-	-	-			
ingitis -	20.5	12	6	4	2	2	-	-	-	Suicide - - - -	7.0	5	-	-	1	-	2	2	-			
- - - }	20.1	18	8	6	2	2	-	-	-	Execution - - - -	-	-	-	-	-	-	-	-	-			
culosis -	162.8	133	-	3	10	69	43	8	-	OTHER CAUSES - - -	60.1	44	36	5	1	-	-	2	-			
ntitutional }	19.6	17	4	5	2	3	2	1	-													
- - - }	16.9	11	1	1	4	-	-	5	-													
h - -	50.6	50	50	-	-	-	-	-	-													
calforma- }	3.9	-	-	-	-	-	-	-	-													
- - - }	7.9	8	8	-	-	-	-	-	-													
- - - }	46.1	60	-	-	-	-	29	31	-													
- - - }	47.2	25	-	-	-	12	10	3	-													
- - - }	7.7	8	-	-	4	2	1	1	-													
of Brain }	38.5	31	27	3	1	-	-	-	-													
System }	76.2	56	4	4	4	9	15	14	6													
rgans of }	-	-	-	-	-	-	-	-	-													
- - - }	2.8	2	-	-	1	-	-	1	-													

rs in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase

cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered  
When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the  
is not certified by a registered practitioner, the case is returned under the heading "no statement."  
ce at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of  
er, manslaughter or suicide. All such causes are classed under "accident."

TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &c., registered SUB-DISTRICT during the Week ending Saturday, 11th November, 1899.

REGISTRATION SUB-DISTRICTS.	Enu- me- rated Popu- lation, 1896.	Total Births.	Total Deaths.	The DEATHS registered during the Week include											
				Deaths of		Deaths from									
				Infants under 1 Year of Age.	Persons aged 1 Year and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhœa.	Violence.
LONDON -	4,411,710	2,711	1,506	334	343	-	42	14	63	11	-	51	-	13	75
WEST DISTRICTS - - -	778,251	415	252	44	57	-	6	2	9	2	-	11	-	3	9
NORTH DISTRICTS - - -	1,040,694	603	319	71	96	-	2	2	16	2	-	11	-	2	23
CENTRAL DISTRICTS - - -	233,635	135	97	21	19	-	1	1	2	-	-	3	-	2	5
EAST DISTRICTS - - -	716,334	629	274	71	57	-	8	-	6	3	-	11	-	2	22
SOUTH DISTRICTS - - -	1,642,796	1,029	541	127	107	-	25	9	35	4	-	15	-	4	17
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*	-	-	23	-	7	-	-	-	-	-	-	-	-	-	-
WEST DISTRICTS.															
St. Mary Paddington } G. & W.	90,996	47	25	4	7	-	-	-	-	-	-	1	-	-	1
WHH - - -															
St. John Paddington H - - G.	33,510	13	8	-	-	-	-	-	-	-	-	-	-	-	-
Kensington Town Ww - - W.	122,164	68	50	10	13	-	-	-	-	-	-	-	-	-	1
Brompton HH - - W. & C.	48,301	10	13	1	6	-	-	-	1	-	-	-	-	-	-
North Hammersmith† H } W. & G	44,638	32	13	5	2	-	-	-	-	-	-	1	-	-	3
South Hammersmith† H } W. & G	59,561	36	15	2	4	-	-	-	2	-	-	1	-	-	1
Fulham Ww - - W. & C.	113,781	100	50	9	5	-	5	2	6	-	-	5	-	-	1
Chelsea Kensal Town - - C.	21,450	8	6	1	3	-	-	-	-	-	-	-	-	-	-
Chelsea North WHHHH - - C.	42,057	16	22	6	4	-	-	-	-	-	-	1	-	2	1
Chelsea South HH - - C.	33,139	15	7	1	1	-	-	-	-	-	-	1	-	-	-
May Fair W - - - G.	23,827	3	7	1	3	-	-	-	-	1	-	-	-	-	-
Belgrave WHHH - - - C.	56,140	23	15	1	1	-	1	-	-	1	-	-	-	-	1
St. John Westminster HH - - C.	31,492	22	9	1	2	-	-	-	-	-	-	-	-	-	1
St. Margaret Westminster H - C.	22,097	6	3	1	1	-	-	-	-	-	-	-	-	-	-
St. James Westminster } N. & G.	23,050	10	6	1	3	-	-	-	-	-	-	1	-	-	-
WH - - -															
St. Anne Soho HHHHH - N.	12,048	6	3	2	-	-	-	-	-	-	-	-	-	1	-
NORTH DISTRICTS.															
All Souls Marylebone } - - W.	36,595	17	19	-	8	-	-	-	-	-	-	-	-	-	2
HHHHHHHH - - -															
Rectory Marylebone W } G. & W.	19,798	10	4	-	2	-	-	-	-	-	-	-	-	-	-
St. Mary Marylebone } G. & W.	19,637	25	7	3	3	-	-	-	-	-	-	-	-	-	-
HHHH - - -															
Christchurch Marylebone H - W	32,547	14	6	2	2	-	-	-	-	-	-	-	-	-	-
St. John Marylebone HHH - W.	32,611	17	1	-	-	-	-	-	-	-	-	-	-	-	-
Hampstead } - N. & W.	75,449	33	24	5	5	-	2	5	-	-	2	-	-	1	-
WwHHHH - - -															
Regent's Park Pancras HH - W.	37,341	17	8	3	1	-	-	-	-	-	-	1	-	-	-
Tottenham-court } - N. & W.	26,757	10	8	2	2	-	-	-	-	-	-	-	-	-	-
WHHHHHH - - -															
Gray's Inn Lane HHHH - N.	29,426	17	10	2	-	-	-	-	-	-	-	-	-	-	2
Somers Town HH - - N.	32,161	22	7	2	3	-	1	-	-	-	-	-	-	-	2
Camden Town WH - - N.	16,669	10	13	1	6	-	-	-	-	-	-	-	-	-	3
Kentish Town WW - - N.	98,410	50	39	13	12	-	-	-	1	-	-	-	-	-	3
Upper Holloway } - - N.	98,273	67	45	7	19	-	1	-	3	2	-	1	-	-	5
WWWwHH - - -															
Islington South-west H - N.	107,365	74	24	8	2	-	-	-	-	-	-	-	-	1	2
Islington South-east - - N.	66,549	42	14	4	6	-	-	-	1	-	-	-	-	-	2
Highbury HH - - N.	64,577	36	12	5	2	-	-	-	-	-	-	-	-	-	-
Stoke Newington H - - N.	33,485	22	4	-	3	-	-	-	-	-	-	-	-	-	-
North Hackney - - E. & N.		12	4	-	2	-	-	-	-	-	-	-	-	-	-
Central Hackney ww - - E. & N.		28	18	1	1	-	-	6	-	-	-	3	-	-	-
South-west Hackney HHH E. & N.		22	4	7	-	-	-	-	-	-	-	1	-	1	2
South-east Hackney WwH E. & N.		40	30	9	10	-	-	-	-	-	-	3	-	-	4

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which patient received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; R. River; E. East London; and K. the Kent Company.

\* See note † on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899, and re-named North Hammersmith and South Hammersmith, respectively.

5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, RUBEOLA, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHOEA, VIOLENCE, &c., registered in each DISTRICT during the Week ending Saturday, 11th November, 1899—continued.

The DEATHS registered during the Week include																		
STATION SUB-DISTRICTS	Enu- mer- ated Popu- lation 1896.	Total BIRTHS.	Total DEATHS	Deaths of		Deaths from											Deaths in Public Institutions	Causes of Uncertified Deaths.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases		
CENTRAL DISTRICTS.																		
Bury and St. Giles } * WH- s North H - - - N.	29,086 3,151	22 7	9 -	- -	5 -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	2 -	2 -	
in-in-the-Fields HHN. & C. WHH - Union Workhouse, Edmonton	13,077 11,839 1,037	5 4 -	11 8 1	- 3 -	1 2 1	- 1 -	- - -	- - -	- - -	- - -	1 - -	- - -	- - -	- - -	- - -	2 12 -	2 9 1	
n v HHHHHH es Clerkenwell l Clerkenwell l-street ad HHHL ross-street ry Union Workhouse, } am	31,042 15,777 34,356 16,069 29,597 7,595 4,035 1892	11 10 16 11 34 5 3	18 8 5 6 14 2 -	7 3 5 2 2 1 -	1 1 2 2 2 1 -	- - - - - - -	- - - - - - -	1 1 - - - - -	- - - - - - -	- - - - - - -	- 1 - - - 1 -	- - - - - 1 -	- - - 1 - - -	- - - - - 1 -	1 2 1 1 2 1 -	9 - - 5 - - -		
olpht HH - - N. & E. gate - - - N. alchre WH - - N. ows Barking - - N. London Asylum, Stone - -	9,762 3,299 9,591 9,059 1388	4 - 3 - -	2 1 13 - -	1 1 1 - -	- - 1 - -	- - - - -	- - 1 - -	- - - - -	- - - - -	- - 1 - -	- - - - -	- - - - -	- - - - -	- - 3 - -	- - 3 - -	- - 13 - -	- - - - -	
EAST DISTRICTS.																		
itch South H - - E. & N. New Town w - - N. Old Town - - N. ston WH - - N. & E.	17,975 29,575 27,645 47,163	12 21 20 36	5 15 3 15	2 6 1 1	1 5 5 5	- - - -	- 1 - 1	- - - -	- 1 - -	- - - -	- - - -	- - - -	- - - -	- - - -	- 1 - -	- 2 - 9	1 6 - -	
l Green North H - - E. l Green South - - E. l Green East WH - - E.	49,301 34,194 45,667	43 24 26	25 8 20	12 5 4	4 1 -	- - -	1 - 4	- - -	- - -	- 1 -	2 - 1	- - -	- - -	- - -	1 3 -	3 - 7	2 - -	
elds - - - E. & N. ad New Town§ WH - E. an's Fields§ - - E.	26,681 51,995	19 33 15	3 38 5	1 3 1	- 9 1	- - -	- - -	- - -	- - -	1 - -	- 1 -	- - -	- - -	- - -	1 7 1	1 8 1	31 - -	
erge, North - - - E. a, St. George East W E.	39,576 7,930	33 4	13 8	6 1	2 2	- -	- -	- -	- -	- -	- -	- -	- -	- -	1 -	1 -	- 7	
ell H - - - E. & N. W - - - E. ouse - - - E.	10,434 14,954 32,917	2 14 27	6 2 15	2 1 3	- - 3	- - -	- - -	- - -	- - -	- - -	- 1 -	- - -	- - -	- - 3	- 4 -	- - -	4 - -	
and Old Town West H E. and Old Town East } w - - E.	111,060	{ 46 38	13 26	4 6	5 8	- -	- -	- -	2 -	- -	- 3	- -	- 1	1 -	3 5	- 6	- -	
y wwwwH - - - E. WW - - - E.	41,687 69,321 57,759	30 52 34	5 29 20	1 5 6	- 5 5	- - -	- 1 -	- - -	1 1 1	- - 1	- 3 -	- - -	- - 1	- 6 -	- 6 3	- 17 1	- -	

Sub-Districts of St. George, Bloomsbury and St. Giles South were united on 1st November, 1899, and re-named Bloomsbury and St. Giles South.

† Population in 1891, not included in the total population of the Central Districts or of London.

‡ The Sub-Districts of St. Botolph and Broad Street were united on 1st September 1899.

§ The Sub-District of St. Botolph was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.





LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE, TALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 11th November, 1899.

REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu-merated Popu-lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
					Deaths of	Deaths from										Deaths in Public Institutions.	Uncertified Causes of Death
						Infants under 1 Year of Age.	Persons aged 50 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
N—OUTER RING	368,749	1,422,063	1149	472	123	136		5	3	18	2	9	9	18	40	56	2
Ashted H	12,228	26,108	16	4	2	1								1			
Ashted, part of* WWH	10,423	12,508	3	3	1	2									1	1	
Ashted, part of* W	2,754	1,598															
Ashted WWHH	20,851	128,699	81	31	6	15		1				2	1			3	
Ashted W	11,897	23,072	11	2		2											
Ashted HHH	3,220	25,777	23	10	2	1					1				1	4	1
Ashted WH		33,566	33	11	3	5										3	
Ashted H		12,178	7	5		3										1	
Ashted, part of* HH		11,080	5	2													
Ashted HL	4,565	18,252	13	6	2	2								2		2	
Ashted WH	2,160	25,389	14	7	1	3		1									
Ashted H	2,823	16,159	10	5		2									1		
Ashted HHH	9,127	23,815	15	2		1										1	
Ashted H	6,542	21,969	14	7	1	3											
Ashted, part of* WHH	14,307	20,372	7	8	1	4					1					2	1
Ashted HHH	12,540	30,590	26	13	6	6									1	2	
Ashted WH, part of*																	
Ashted W	11,054	13,671	8	3	1						1						
Ashted WH	13,277	13,221	7	3		3											
Ashted WHH	6,035	12,237	7	5	2												
Ashted W	12,757	7,253	7	3	1	1					1						
Ashted WH	7,952	11,051	12	6	1	1											
Ashted WHH	6,967	26,004	16	20	3	9										1	6
Ashted HH	2,415	16,027	14	4		2					1					1	
Ashted HHHH	4,318	37,777	32	11	2	2										1	
Ashted W	1,245	21,363	17	4	1	2										1	
Ashted WHH	6,132	50,945	34	8	4	1											
Ashted HHH	13,809	15,715	8	4	2	1										1	
Ashted HH	6,994	3,844	5	3		1										1	
Ashted HHH	4,383	61,265	64	25	10	6			1						1	1	
Ashted WH	8,382	15,843	18	7	2	2								1	1	2	
Ashted HHHH																4	
Ashted HHH	21,077	6,367	3	3		1									1	1	1
Ashted WHH		14,152	7	3		1									1	1	
Ashted HHH	4,888	25,820	12	5	1	1									1	1	
Ashted HH	3,039	61,097	36	19	3	8											
Ashted HH	4,642	97,174	80	22	8	2									1	2	
Ashted WWH	7,489	36,351	29	18	4	6									3	5	
Ashted WWHH	12,602	31,536	25	11	5						1				1	1	1
Ashted WWHH	11,017	6,066	4														
Ashted H	8,480	9,620	12	3	1											1	
Ashted, part of* W	3,306	582	1	2		2											
Ashted H	9,331	7,737	7														
Ashted WH, part of*																	
Ashted H																	
Ashted HHH		38,612	25	11	4	3			1					1	2	2	1
Ashted H		53,030	61	29	11	3			1		2				2	3	
Ashted Town H		54,750	37	26	7				1		4			1	1	2	
Ashted Gate W		53,511	28	10	4	5										1	
Ashted Ham WWH		32,713	78	15	3	3				2			1				
Ashted WWWW		70,188	53	28	6	7			1		1		1	1	2	9	
Ashted WWHH		51,330	79	23	10	4			1		3				1	1	
Ashted, part of* HHHH	11,779	12,941	6	3		2											
Ashted WH, part of*																	
Ashted, part of* WH	6,556	4,324	3														
Ashted	8,493	10,913	18	7		3											
Ashted Town, H	3,514	14,301	18	7	2	1								1		1	
Ashted County Asylum, and South.				3		1										3	
Ashted County Asylum, and North.				1		1										1	
Ashted County Asylum, and South.				1		1										1	
Ashted County Asylum, and North.				1		1										1	

of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warrington and Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS AND  
Rate of MORTALITY during the week ending Saturday, 11th November, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE OF MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
			From All Causes.	From Diseases in Cols. 8-14.		Infants under 1 Year of Age.	Persons aged 40 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.				
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.
GREATER LONDON	443,421	6,528,434	15.8	2.0	1978	457	479	-	47	17	86	13	60	22	93			
INNER LONDON -	74,672	4,546,752	17.3	2.3	1506	334	343	-	42	14	68	11	51	13	71			
OUTER RING -	368,749	1,981,682	12.4	1.2	472	123	136	-	5	3	18	2	9	9	18			

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	
EDINBURGH -	298,927	Nov. 11	147	99	17.3	-	-	1	1	-	2	
GLASGOW -	733,903	" 11	411	252	17.9	-	7	2	3	-	5	
DUBLIN -	349,594	" 11	172	249	37.1	-	39	1	3	1	6	
CALCUTTA -	466,460	Sept. 30	-	-	-	-	-	-	-	-	-	
BOMBAY -	821,764	Oct. 17	231	780	49.4	2	7	?	?	?	211	
MADRAS -	452,518	" 6	420	333	38.2	-	6	?	?	?	85	
PARIS -	2,511,629	Nov. 4	1079	878	18.6	-	6	2	4*	2	13	
BRUSSELS -	561,130	" 4	228	179	16.6	-	-	1	-	-	5	
AMSTERDAM -	517,595	Oct. 28	298	133	13.3	-	-	-	-	2	1	
ROTTERDAM -	315,305	" 28	230	112	18.4	-	-	-	3	6	7	
THE HAGUE -	199,285	" 28	114	65	17.0	-	-	1	-	-	-	
COPENHAGEN -	349,000	Nov. 4	241	108	15.8	-	-	2	1	3	1	
STOCKHOLM -	291,580	Oct. 28	130	95	17.0	-	1	-	5*	-	4	
CHRISTIANIA -	221,255	Nov. 4	107	74	17.4	-	1	-	-	-	-	
ST. PETERSBURG -	1,132,677	Oct. 28	577	431	19.8	3	6	12	22	5	15	
MOSCOW -	988,610	" 28	-	-	-	-	-	-	-	-	-	
BERLIN -	1,818,517	" 7	-	-	-	-	-	-	-	-	-	
HAMBURG -	675,351	Nov. 4	-	201	15.5	-	-	-	1*	1	-	
DRESDEN -	397,300	Oct. 7	256	123	16.1	-	1	-	1*	1	-	
BRESLAU -	406,012	Nov. 4	-	169	21.7	-	-	1	3	3	1	
MUNICH -	445,000	" 4	-	212	24.8	-	-	-	2*	4	-	
VIENNA -	1,623,134	Oct. 28	929	524	16.6	-	6	2	11*	1	1	
PRAGUE -	384,622	" 28	181	158	21.3	-	-	3	-	-	2	
BUDA-PESTH -	666,722	" 28	428	244	19.0	-	4	8	2	-	3	
TRIESTE -	166,599	" 21	99	87	27.1	-	-	2	3*	-	1	
ROME -	508,779	" 14	227	150	15.4	-	-	-	-	-	98	
TURIN (10 days) -	344,203	Sept. 20	224	128	13.6	-	-	-	-	-	2	
VENICE -	172,288	Oct. 21	59	58	17.6	-	-	-	3*	-	-	
CAIRO -	570,062	Sept. 30	407	348	31.7	1	2	-	9*	1	0	
ALEXANDRIA -	319,766	" 30	192	168	27.3	-	-	-	2*	-	2	
NEW YORK (including BROOKLYN) -	3,550,053	Oct. 7	-	-	-	-	-	-	-	-	-	
PHILADELPHIA -	1,266,832	" 21	-	384	15.8	-	-	4	14	-	5	

\* Including deaths from croup.

† Including 105 deaths from plague in Bombay.

‡ Including 3 deaths from malarial fever.



NOVEMBER.		in.	°										°		°		°		°		°		Miles.	Day.	16 Years.
SUNDAY	-		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
SUNDAY	-	5	29630	597	503	94	531	+ 72	315	16	34	00	94	597	495	5343	SSW. & S.	SSW. & S.	lbs. 85	00	05	282	+ 4	in. 067	23
MONDAY	-	6	Greatest Dec. S.	29762	520	424	96	476	+ 21	455	21	40	92	598	361	5350	E. & S.	NNW. & S.	04	00	00	177	- 101	086	00
TUESDAY	-	7	29792	566	407	159	502	+ 51	430	72	112	21	76	954	354	5338	N.	SSW. & S.	63	00	04	377	+ 98	001	08
WEDNESDAY	-	8	29287	548	482	66	518	+ 72	427	91	130	38	71	870	422	5308	S. & S.	SW. & S.	130	00	19	686	+ 407	037	22
THURSDAY	-	9	29760	549	458	91	498	+ 58	409	89	136	38	72	791	380	5291	W. & S.	WSW. & S.	36	00	04	344	+ 64	000	02
FRIDAY	-	10	First Quarter.	29418	595	469	126	539	+ 103	456	83	134	74	801	415	5251	SSE. & SE.	SSW. & S.	120	00	14	605	+ 324	041	08
SATURDAY	-	11	29930	562	435	127	501	+ 69	406	95	116	74	70	823	380	5243	W. & S.	WSW. & S.	135	00	14	610	+ 328	001	00
MEANS	-		29654	562	454	108	509	+ 64	443	67	100	28	78	776	401	5299	SW.		..	..	Sum 3081	Sum + 1124	Sum 233	09	
No. of Column	-	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

GENERAL REMARKS.

Overcast; frequent rain. Windy in early morning.

Overcast till evening, with heavy rain till 8h. 30m. A.M.; cloudless and very fine at night.

Very fine in morning; partially cloudy, with solar halo in forenoon; generally overcast afterwards, with rain after 11h. P.M.

Overcast, with rain in morning; fine, with large amounts of cloud afterwards. Strong gusty wind prevalent throughout the day. Lightning at night.

Very fine till afternoon; overcast afterwards.

Overcast, with heavy rain in morning; partially cloudy, with occasional slight rain till evening; cloudless and very fine at night. Strong gusty wind.

Very fine till afternoon; generally cloudy afterwards. Strong gusty wind till evening. A sharp shower at 8h. 30m. P.M.

The results apply to the civil day, or from midnight to midnight.

The height of the column of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon, 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is then deduced from a discussion of the observations made at Greenwich during the 50 years ending 1880, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1876.

In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average.

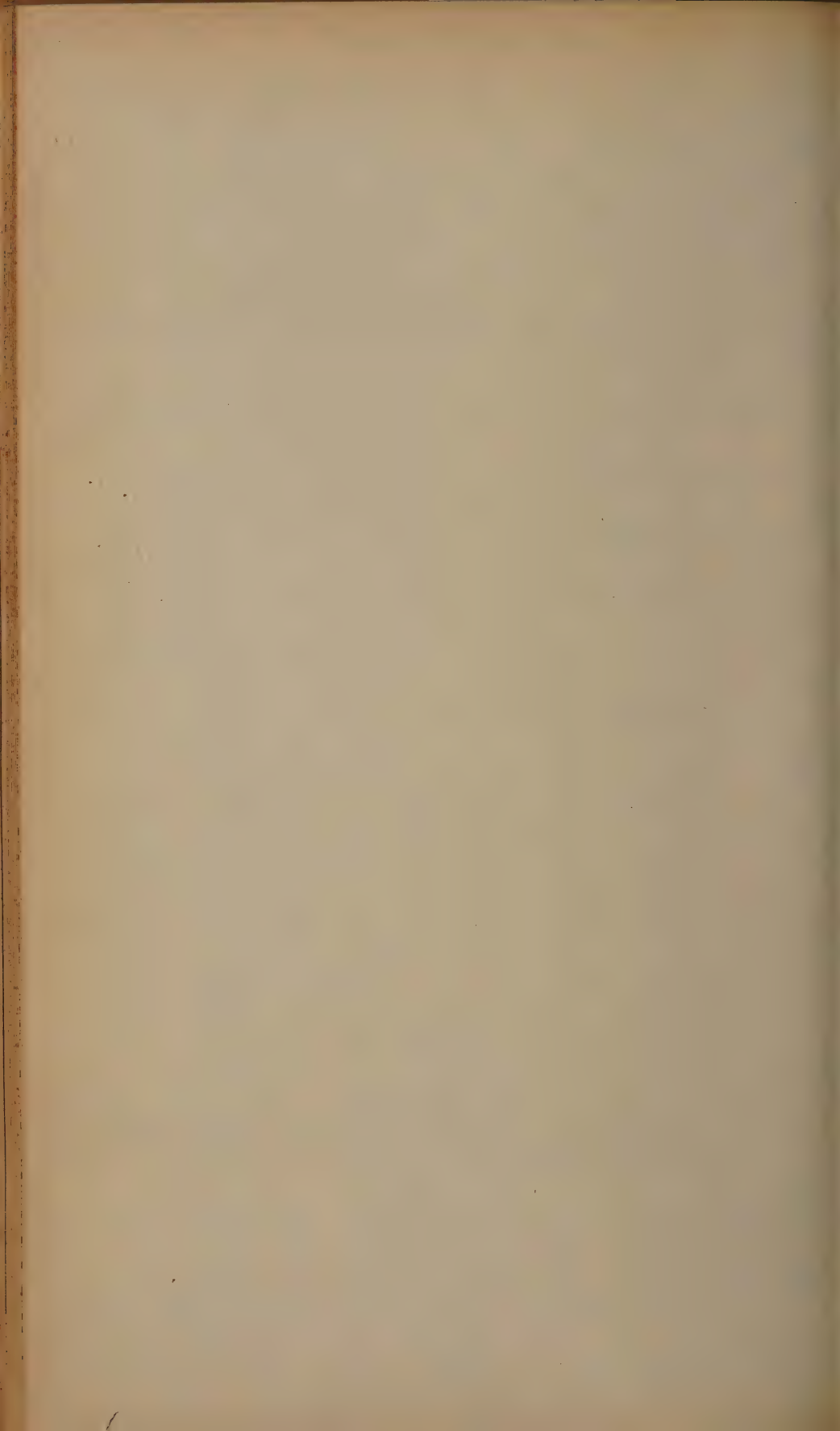
The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29.49 in. at the beginning of the week to 29.72 in. by 8h. A.M. on the 7th; decreased to 29.26 in. by 11h. A.M. on the 8th; increased to 29.81 in. by 5h. P.M. on the 9th; decreased to 29.30 in. by 11h. A.M. on the 10th; increased to 29.94 in. by 10h. A.M. on the 11th; decreased to 29.88 in. by 3h. P.M. on the 11th; and increased to 30.07 in. by the end of the week.

DATE.	NOVEMBER.	ELECTRICITY. (For explanation of symbols, see Note.)	Registered Sun above Horizon, in hours.		Sun above Horizon, in hours.	GENERAL REMARKS.
			Shade.	Shine.		
SUNDAY	- 5	Instrument under adjustment.	0 0	9 4	94	Overcast; frequent rain. Windy in early morning.
MONDAY	- 6	"	0 0	9 3	93	Overcast till evening, with heavy rain till 8h. 30m. A.M.; cloudless and very fine at night.
TUESDAY	- 7	"	3 2	9 3	93	Very fine in morning; partially cloudy, with solar halo in forenoon; generally overcast afterwards, with rain after 11h. P.M.
WEDNESDAY	- 8	"	4 8	9 2	92	Overcast, with rain in morning; fine, with large amounts of cloud afterwards. Strong gusty wind prevalent throughout the day. Lightning at night.
THURSDAY	- 9	"	6 6	9 2	92	Very fine till afternoon; overcast afterwards.
FRIDAY	- 10	"	1 6	9 1	91	Overcast, with heavy rain in morning; partially cloudy, with occasional slight rain till evening; cloudless and very fine at night.
SATURDAY	- 11	"	4 7	9 0	90	Very fine till afternoon; generally cloudy afterwards. Strong gusty wind till evening. A sharp shower at 8h. 30m. P.M.
No. of Col.	-		Sum 209	Sum 645	Sum 645	
			28	29	29	







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1899.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN THIRTY-TWO OTHER GREAT TOWNS

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November 20th, 1899.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 17·3 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Oct. 28.	Nov. 4.	Nov. 11.	Nov. 18.		Oct. 28.	Nov. 4.	Nov. 11.	Nov. 18.
33 Great Towns	21·1	18·8	18·0	17·3	Leicester - -	14·9	18·3	20·2	17·1
Birkenhead -	22·2	18·1	19·0	14·0	Liverpool - -	27·7	21·6	25·1	21·2
Birmingham -	20·5	19·5	19·4	18·0	London - - -	21·1	18·6	17·3	17·5
Blackburn - -	17·7	17·4	24·3	22·4	Manchester - -	24·4	21·6	19·3	18·5
Bolton - - -	19·0	25·7	16·1	20·6	Newcastle-on-Tyne	20·8	19·8	16·6	15·3
Bradford - -	21·0	17·4	16·8	15·9	Norwich - - -	13·4	14·7	17·5	14·7
Brighton - -	17·8	11·8	14·0	15·7	Nottingham - -	19·6	17·6	18·3	19·6
Bristol - - -	29·7	23·6	24·9	15·9	Oldham - - -	20·4	18·7	19·7	13·1
Burnley - - -	18·9	14·8	16·1	11·5	Plymouth - - -	14·0	16·1	17·6	13·0
Cardiff - - -	10·1	13·5	16·6	12·6	Portsmouth - -	19·1	15·6	17·2	14·5
Croydon - - -	12·7	13·9	10·2	12·7	Preston - - -	18·6	21·3	18·6	25·3
Derby - - - -	12·7	11·3	10·3	14·7	Salford - - - -	24·8	22·9	19·4	16·5
Gateshead - -	20·6	21·5	15·7	19·1	Sheffield - - -	27·3	21·5	16·5	21·4
Halifax - - -	14·4	16·5	10·7	11·7	Sunderland - -	23·3	19·0	18·6	15·4
Huddersfield-	14·1	13·1	13·1	14·6	Swansea - - -	21·1	15·6	11·1	15·1
Hull - - - - -	19·8	18·7	16·7	19·4	West Ham - - -	18·9	16·3	14·1	12·3
Leeds - - - -	22·1	17·8	20·2	17·5	Wolverhampton -	19·4	24·1	20·0	14·7

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Sheffield, 1·1 in Bradford, 1·2 in Blackburn, 1·3 in Preston, 1·4 in Birkenhead, and 1·6 in Hull; from "*fever*," 1·1 in Nottingham, 1·2 in West Ham, 1·2 in Croydon, and 1·3 in Preston; and from *diarrhoea*, 1·0 in Bolton. In none of the thirty-three towns did the death-rate from *scarlet fever* or from *whooping-cough* reach 1·0 per 1000. The 117 deaths from *diphtheria* included 56 in London, 14 in Sheffield, 8 in Leicester, 8 in Liverpool, 7 in Leeds, 4 in Birmingham, 3 in West Ham, and 3 in Blackburn. Six deaths from *small-pox* were registered in Hull, but not one in any other of the thirty-three towns.

## LONDON.

In LONDON† 2674 BIRTHS and 1528 DEATHS were registered. Allowing for increase of population, the births were 8, and the deaths 137, below the average numbers in the corresponding weeks of the last ten

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 21·1, 18·6, and 17·3 in the preceding three weeks, rose again last week to 17·5. During the four weeks ending on Saturday last the death-rate averaged 18·6 per 1000, which is equal to the mean rate in the corresponding periods of the ten years 1889-98.

The 1528 deaths included 29 from measles, 6 from scarlet fever, 56 from diphtheria, 9 from whooping-cough, 55 from enteric fever, 20 from diarrhoea and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 175 deaths were referred to these diseases, being 10 below the corrected average weekly number.

The deaths from *measles*, which had been 34, 33, and 42 in the preceding three weeks, fell again last week to 29, and were 17 below the corrected average; 6 cases belonged to Wandsworth and 5 to Shoreditch sanitary areas. The deaths from *scarlet fever*, which had been 14, 7, and 14 in the preceding three weeks, fell again last week to 6, and were 15 below the corrected average. The deaths from *diphtheria*, which had been 59, 39, and 68 in the preceding three weeks, fell again last week to 56, but were 7 above the corrected average; 6 cases belonged to Camberwell, 5 to Lambeth, 4 to St. Pancras, 4 to Bethnal Green, 4 to Poplar, 3 to Islington, 3 to Bermondsey, and 3 to Greenwich sanitary areas. The deaths from *whooping-cough*, which had been 10, 14, and 11 in the preceding three weeks, further fell last week to 9, and were 20 below the corrected average. The fatal cases of *enteric fever*, which had been 40, 29, and 51 in the preceding three weeks, further rose last week to 55, and were 34 above the corrected average; 5 cases belonged to St. Pancras, 5 to Battersea, 4 to Mile End Old Town, 4 to Greenwich, 3 to Camberwell, 3 to Fulham, and 3 to Islington sanitary areas. The deaths from *diarrhoea*, which had been 17, 22, and 13 in the preceding three weeks, rose again last week to 20, and were 2 above the corrected average. The deaths referred to diseases of the respiratory organs, which had been 477, 418, and 325 in the preceding three weeks, were 324 last week, the corrected average being 412. The deaths attributed directly to *influenza* numbered 18, having been 18, 19, and 14 in the preceding three weeks.

Different forms of violence caused 57 deaths, concerning all but 2 of which inquests were held. Of these 57 deaths, 4 were cases of suicide, 1 of execution, and 1 of homicide, while the remaining 51 were attributed to accident or negligence. Nine of these were referred to vehicles in the streets, 5 to conflagrations, 1 to the effects of chloroform administered for surgical purposes, and 7 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 3578 cases of scarlet fever, 1736 of diphtheria, and 443 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 334 cases, against 414, 331, and 328; of diphtheria, 219 cases, against 259, 230, and 218; and of enteric fever, 73 cases, against 44, 103, and 79.

#### GREATER LONDON.

In Greater London 3,837 births and 2,028 deaths were registered, corresponding to annual rates of 30·6 and 16·2 per 1000 of the estimated population. In the Outer Ring 6 deaths from measles, 7 from scarlet fever, 18 from diphtheria, 2 from whooping-cough, 15 from "fever," and 3 from diarrhoea were registered. Five deaths from measles, 7 from diphtheria, and 9 from "fever" occurred in West Ham District.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 30·33 inches, and that of the Thermometer 45°·9; the latter being 3°·3 above the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 36 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 8·4 hours; no rain was measured during the week.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases, the diagnosis is found after sojourn in the Hospital to have been erroneous.



AND BOROUGH.	Colts.	BIRTHS.		DEATHS.		Persons Aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Liquor Cases.	Deaths in Public Institutions.	Unclassified Causes of Death.	From All Causes.		From Diseases in Cols. 9-12.	Fahrenheit.		Lowest.	Mean.		In Inches.	In Centi- metres.	CITIES AND BOROUGH.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		1.	2.	3.	4.													5.	6.		7.	8.		9.	10.				11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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33 TOWNS	11,404,406	6822	3785	889	857	6	83	30	117	36	98	52	157	313	934	34	173	19	56	24	44	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

\* See note \* on first page of this return.  
† The recent extension of the Borough of Halifax, and of the Borough of Bradford will not be taken into account in the Weekly Returns until 1900.

TABLE 2. LONDON.—Births and Deaths Registered in the FORTY-SIXTH Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2522	2321	2596	2510	2430	2494	2576	2675	2780	2585	2681.8	2674
Males - -	1275	1151	1279	1283	1260	1268	1323	1375	1407	1303	1361.4	1357
Females - -	1247	1170	1317	1217	1170	1226	1248	1300	1373	1282	1320.4	1317
<b>TOTAL Deaths -</b>	1451	1709	1629	1508	2016	1275	1510	1675	1617	1436	1685.1	1528
Males - -	748	874	822	759	1016	644	758	815	838	723	841.9	789
Females - -	703	835	807	749	1000	631	752	860	779	708	843.2	759

\*The numbers in this column are the average weekly numbers in the forty-sixth week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Aug. 26.	Sept. 2.	Sept. 9.	Sept. 16.	Sept. 23.	Sept. 30.	Oct. 7.	Oct. 14.	Oct. 21.	Oct. 28.	Nov. 4.	Nov. 11.	Nov. 18.
<b>TOTAL Births</b> - -	2646	2532	2442	2675	2531	2399	2540	2549	2529	2495	2613	2711	2674
<b>TOTAL Deaths</b> - -	2100	1931	1934	1643	1649	1456	1564	1637	1567	1844	1626	1506	1528
<b>Ages at Death</b>													
Under 1 year - -	916	805	744	572	502	379	359	333	318	376	352	394	355
1-5 years - -	254	285	250	187	188	159	172	182	159	203	197	215	180
5-20 " - -	89	80	75	80	106	80	86	89	92	118	86	116	93
20-40 " - -	229	181	215	201	204	173	219	238	222	269	206	218	214
40-60 " - -	290	261	313	282	309	330	339	330	342	391	363	280	318
60-80 " - -	264	265	267	259	269	280	316	378	352	391	339	274	300
80 years and upward -	58	74	70	62	71	55	73	87	82	96	83	69	68
<b>Deaths from—</b>													
Small pox - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles - -	52	34	33	17	17	15	21	20	26	34	33	42	29
Scarlet Fever - -	7	5	5	2	8	9	7	9	6	14	7	14	6
Diphtheria - -	29	29	24	22	42	44	55	56	60	59	39	68	56
Whooping-cough - -	18	31	25	16	19	23	10	10	6	10	14	11	9
Typhus - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever - -	16	18	12	18	24	19	19	21	15	40	29	51	55
Simple Continued Fever - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery - -	426	368	322	233	162	81	53	49	25	17	22	13	20
Cholera - -	21	22	8	9	6	2	2	-	-	1	1	-	-
<b>All the above Diseases</b> - -	569	507	429	317	278	193	167	165	133	175	145	199	175
<b>Dis. of Respiratory System—</b>													
Phthisis - -	169	131	170	133	138	156	215	275	306	477	418	325	324
Dis. of Circulatory System - -	152	140	167	183	139	157	173	180	203	203	157	133	141
Violence - -	112	114	132	110	134	124	157	170	139	173	122	107	148
Inquest Cases - -	60	60	65	62	71	57	71	75	79	63	54	75	67
Deaths in Public Institutions - -	139	134	160	145	147	135	148	144	153	185	122	144	134
<b>TEMPERATURE OF THE AIR.</b>													
Mean - -	66.4	63.5	65.6	57.5	54.6	52.1	49.3	47.3	47.4	51.8	53.2	56.9	49.9
Mean of Highest readings - -	79.8	74.1	76.5	67.0	63.5	61.0	56.6	53.9	56.6	57.4	59.1	56.2	51.3
Mean of Lowest readings - -	53.6	55.2	55.2	48.8	48.2	45.5	42.6	36.2	39.4	45.9	47.1	45.4	39.9
<b>Humidity of the Air</b> - -	63	71	70	73	68	76	86	82	82	90	83	78	84
<b>Rain-fall (in inches)</b> - -	0.00	0.29	0.54	0.27	0.36	1.01	0.50	0.12	0.00	1.30	1.81	2.33	0.00
<b>Registered Sunshine (in hours)</b>	74.8	53.4	47.5	23.5	38.3	32.5	12.2	38.9	43.3	7.8	22.5	20.9	8.4
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - -	-	-	-	-	-	-	-	-	-	-	-	-	1
Scarlet Fever - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria - -	2548	2538	2549	2640	2758	2886	3003	3217	3408	3504	3539	3564	3578
Enteric Fever - -	1512	1502	1464	1486	1474	1487	1519	1595	1659	1700	1715	1692	1736
	203	213	224	228	235	252	275	308	331	342	407	426	443

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.; B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Gunn Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-SIXTH Week of the Year 1899.

CAUSES OF DEATH		Corrected Averages for the 46th Week 1899-98*	In the Week ending Saturday, 18th November 1899.										Corrected Averages for the 46th Week 1899-98*	In the Week ending Saturday, 18th November 1899.									
			Deaths of Persons of the Ages											Deaths of Persons of the Ages									
			ALL AGES.											ALL AGES.									
			Under 20.					20 and under 40.						Under 20.					20 and under 40.				
		0-1	1-5	5-20	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.			0-1	1-5	5-20	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.						
CAUSES		1665.1	1528	355	180	93	214	318	300	68	Diseases of Circulatory System		147.8	148	-	1	12	22	45	58	10		
{ Vaccinated†		0.1	-	-	-	-	-	-	-	-	Croup		5.5	2	-	2	-	-	-	-	-		
{ Unvaccinated		-	-	-	-	-	-	-	-	-	Bronchitis		227.6	176	64	16	-	2	26	56	12		
{ No Statement		46.3	29	5	23	1	-	-	-	-	Pneumonia		141.2	122	39	41	5	9	18	10	-		
Fever		21.4	6	-	2	4	-	-	-	-	Pleurisy		6.5	7	-	2	-	1	1	3	-		
ng Fever		0.2	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System		30.7	17	2	3	1	-	7	4	-		
a		10.1	18	2	2	-	4	5	4	1	Dentition		6.0	-	-	-	-	-	-	-	-		
ng-cough		28.8	9	4	5	-	-	-	-	-	Quinsy, Sore Throat		2.2	3	-	2	-	-	-	1	-		
ria		48.6	56	7	31	16	1	-	1	-	Enteritis		15.5	12	2	2	-	2	2	4	-		
{ Continued and		0.1	-	-	-	-	-	-	-	-	{ Gastro-enteritis		6.7	11	8	1	1	1	-	-	-		
{ Med Fever		20.7	55	-	-	11	37	6	1	-	{ Peritonitis		27.4	23	-	-	5	13	4	1	-		
and Chol. Diarr.		0.4	-	-	-	-	-	-	-	-	{ Diseases of Liver		27.7	26	8	-	2	2	7	7	-		
ea, Dysentery		18.0	20	16	-	1	-	3	-	-	{ Other Diseases of Digestive System												
nt Fever		0.1	-	-	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands		27	1	1	-	-	-	-	-	-		
hobia		0.1	-	-	-	-	-	-	-	-	Diseases of Urinary System		47.0	60	1	-	-	15	24	17	3		
s		0.2	-	-	-	-	-	-	-	-	Diseases of Generative System		6.6	5	-	-	1	3	1	-	-		
{ and Effects of		8.4	7	5	2	1	1	2	4	-	Accidents of Childbirth		4.9	4	-	-	4	-	-	-	-		
{ ation		4.7	9	2	-	1	1	2	4	-	Diseases of Locomotive System		5.7	6	-	1	2	-	2	1	-		
{ l Affections		2.8	2	-	-	-	-	-	-	-	Diseases of Integumentary System		6.0	4	2	1	-	-	1	-	-		
las		5.5	3	-	-	2	1	-	-	-	VIOLENT DEATHS.†												
and Septicæmia		1.6	1	-	-	-	-	-	-	-	(ACCIDENT.)												
al Fever											By Railways			2	-	-	-	-	1	1	-		
ymotic Diseases											By Vehicles or Horses			9	-	1	4	1	1	1	1		
											In Ships, Boats, Docks, (exclusive of Drowning)			2	-	-	-	1	1	-	-		
											In Building Operations - In Conflagrations -			5	1	4	-	-	-	-	-		
											By Burns, Scalds, Explosions		58.2	4	-	3	-	-	1	-	-		
											By Drowning			3	-	-	-	1	2	-	-		
											By Suffocation in Bed			7	7	-	-	-	-	-	-		
											By Poisons or Poisonous Vapours			3	-	1	-	1	1	-	-		
											Other or not stated causes			16	3	1	-	4	4	3	1		
											(VIOLENCE OTHER THAN ACCIDENTAL.)												
											Homicide		1.1	1	-	1	-	-	-	-	-		
											Suicide		6.2	4	-	-	-	1	2	1	-		
											Execution		0.2	1	-	-	-	-	-	-	-		
											OTHER CAUSES		52.3	43	39	3	-	-	-	1	-		

numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population. Cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical attendants. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the death is not certified by a registered practitioner, the case is returned under the heading "no statement." Evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered in SUB-DISTRICT during the Week ending Saturday, 18th November, 1899.

The DEATHS registered during the Week include																
REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of												
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from										
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.
LONDON -	4,411,710	2,674	1,528	355	368	-	29	6	56	9	-	55	-	20	57	134
WEST DISTRICTS.																
St. Mary Paddington } G. & W.	90,996	48	23	5	10	-	-	-	-	-	-	-	-	-	-	1
WHH - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. John Paddington H - - G.	33,510	8	10	-	2	-	-	-	-	-	-	-	-	-	1	1
Kensington Town Ww - - W.	122,164	57	41	6	16	-	-	-	-	-	-	1	-	1	-	1
Brompton HH - - W. & C.	48,301	13	7	-	3	-	-	-	-	-	-	-	-	-	-	-
North Hammersmith† H } W. & G }	44,638	29	15	4	4	-	-	-	-	-	-	-	-	-	-	-
South Hammersmith† H } - - - }	59,561	49	19	3	9	-	-	-	-	-	-	-	-	-	1	1
Fulham Ww - - H } W. & C.	113,781	93	45	16	12	-	2	-	6	-	-	4	-	1	-	1
Chelsea Kensal Town - - C.	21,450	13	4	2	-	-	-	-	-	-	-	-	-	-	-	1
Chelsea North WHHHH - C.	42,057	14	9	1	-	-	-	-	-	-	-	-	-	-	-	1
Chelsea South HH - - C.	33,139	14	6	-	3	-	1	-	-	-	-	-	-	-	1	2
May Fair W - - - G.	23,827	2	6	-	3	-	-	-	-	-	-	-	-	-	-	-
Belgrave WHHH - - C.	56,140	18	18	2	6	-	-	-	1	-	-	-	-	-	-	1
St. John Westminster HH - C.	31,492	15	7	3	1	-	-	-	-	-	-	-	-	-	-	1
St. Margaret Westminster H - C.	22,097	2	11	1	2	-	1	-	-	-	-	-	-	-	3	4
St. James Westminster } N. & G.	23,050	9	2	1	1	-	-	-	-	-	-	-	-	-	-	-
WH - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho HHHHH - N.	12,048	9	8	3	-	-	-	-	-	-	-	-	-	-	1	1
NORTH DISTRICTS.																
All Souls Marylebone } - - W.	36,595	12	11	-	6	-	-	-	-	-	-	-	-	-	2	4
HHHHHHHH - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone W } G. & W.	19,798	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary Marylebone } G. & W.	19,637	29	6	1	1	-	-	-	1	-	-	-	-	-	1	1
HHHH - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone H - W	32,547	13	8	3	2	-	-	-	-	-	1	-	1	-	-	-
St. John Marylebone HHH - W.	32,611	14	7	1	1	-	-	-	-	-	-	-	-	-	-	1
Hampstead } - N. & W.	75,449	33	24	5	6	-	-	3	3	1	-	3	-	-	-	2
WwHHHH - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Regent's Park Pancras HH - W.	37,341	18	5	2	1	-	-	-	-	-	-	-	-	-	-	-
Tottenham-court } - N. & W.	26,757	9	15	4	4	-	-	-	-	-	-	-	-	-	-	1
wHHHHH - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gray's Inn Lane HHHH - N.	29,426	20	10	1	3	-	-	-	-	-	-	-	-	-	-	2
Somers Town HH - - N.	32,161	14	13	4	1	-	-	-	-	-	1	-	-	-	2	3
Camden Town WH - - N.	16,639	10	16	5	8	-	-	-	-	-	1	-	-	-	1	1
Kentish Town WW - - N.	98,410	60	21	1	8	-	-	-	-	-	1	-	-	-	1	8
Upper Holloway† } - - N.	98,273	69	49	10	16	-	1	-	1	-	1	-	3	1	3	30
WWWwHH - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Islington South-west† H - N.	107,365	57	25	8	4	-	-	1	-	1	-	-	1	-	-	1
Islington South-east - - N.	66,549	34	14	3	5	-	-	-	-	-	1	-	-	-	1	3
Highbury HH - - N.	64,577	27	19	5	4	-	-	-	-	-	1	-	-	-	5	5
Stoke Newington H - - N.	33,485	15	6	1	2	-	-	-	-	-	-	-	-	-	-	-
North Hackney - - E. & N.	23	23	11	3	3	-	-	-	-	-	-	-	-	-	-	2
Central Hackney ww - E. & N.	213,044	35	15	2	4	-	-	-	5	-	-	-	-	-	2	3
South-west Hackney HHH E. & N.	-	42	25	3	5	-	1	-	-	-	-	-	-	-	2	7
South-east Hackney WwH E. & N.	-	38	20	7	6	-	-	-	1	-	-	-	-	1	1	1

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated the namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other Dist. than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. sign Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. River; E. East London; and K. the Kent Company.

\* See note † on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899 and were named North Hammersmith and South Hammersmith, respectively.

‡ In the week ending 11th inst., the death by violence of a child, aged 4 years, which occurred in Upper Holloway Sub-District, and on which an inquest had been held, was registered by error in Islington South-west Sub-District. The death has now been registered in the right Sub-District, but is not again counted.

5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHOEA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 18th November, 1899—continued.

REGISTRATION SUB-DISTRICTS		Enu- mer- ated Popu- lation. 1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include															Deaths in Public Institutions	Un- certified Deaths.	Causes of Death.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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The Sub-Districts of St. George Bloomsbury and St. Giles South were united on 1st November 1899, and re-named Bloomsbury and St. Giles South.

† Population in 1891, not included in the total population of the Central Districts or of London.

‡ The Sub-Districts of St. Botolph and Broad Street were united on 1st September 1899.

§ The Sub-District of St. Botolph Church was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in SUB-DISTRICT during the Week ending Saturday, 18th November, 1899—continued.

The DEATHS registered during the Week include																		
REGISTRATIONSUB-DISTRICTS		Ennu- rated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of Infants under 1 Year of Age.	Persons aged 40 Years and upwards.	Deaths from											In- quest Cases.
							Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.		
SOUTH DISTRICTS.																		
Christchurch Southwark	WHL & S.	13,064	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Saviour Southwark	- - S.	12,301	7	4	3	1	-	-	-	-	-	-	-	-	-	-	-	
Kent-road	- - S. & L.	22,879	22	11	4	-	-	3	-	-	-	-	-	-	1	-	-	
Borough-road	WH - - S. & L.	16,083	18	6	1	-	-	-	-	-	-	-	-	-	-	1	-	
London-road	HL - - L. & S.	21,316	15	9	2	1	-	-	-	-	-	-	-	-	-	-	2	
Trinity Newington	- - S. & L.	28,723	21	11	1	-	-	-	-	1	-	-	1	-	-	-	-	
St. Peter Walworth	W - - S. & L.	62,045	43	21	9	4	-	1	-	-	-	-	1	-	-	-	2	
St. Mary Newington-	- - L. & S.	30,171	32	10	3	-	-	-	-	-	-	-	-	-	-	1	1	
St. Olave	WH - - - S.	11,731	7	16	1	3	-	-	-	1	-	-	-	-	-	-	1	
Bermondsey	W - - - S.	85,475	63	42	13	9	-	2	-	1	-	-	-	-	-	3	6	
Rotherhithe	Ww - - S. & K.	40,379	27	15	3	3	-	1	-	-	-	-	-	-	-	1	1	
Waterloo-road	HH - - L. & S.	28,396	30	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
Lambeth Church 1st	H - - L. & S.	18,770	9	20	5	4	-	-	-	-	-	-	-	-	-	2	4	
Lambeth Church 2nd	WW - - L. & S.	40,994	28	17	4	7	-	-	-	1	-	-	-	-	-	-	1	
Kennington 1st	H - - S. & L.	52,486	40	9	-	5	-	-	-	-	-	2	-	-	-	-	-	
Kennington 2nd	- - S. & L.	43,244	18	5	-	1	-	1	-	-	-	-	-	-	-	-	-	
Brixton	w - - L. & S.	81,825	39	15	3	4	-	-	-	2	-	-	1	-	-	-	1	
Norwood	WH - - - L.	29,318	15	7	3	2	-	-	-	-	-	-	-	-	1	-	-	
East Battersea	- - - S.	71,730	42	16	5	3	-	1	-	-	-	-	-	-	-	-	2	
West Battersea	WwH - - S.	93,385	52	25	2	9	-	2	-	-	-	-	-	-	-	1	5	
Clapham	H - - - S.	46,953	21	14	4	3	-	3	-	-	-	-	-	-	-	1	4	
Wandsworth	WHHL - - S.	58,101	29	15	5	3	-	2	-	1	-	-	-	-	-	1	-	
Putney	- - - S.	20,566	12	8	-	5	-	-	-	1	-	-	-	-	-	-	-	
Streatham	WwwwL - - L.	61,644	53	33	9	6	-	1	-	2	-	-	8	-	-	1	1	
Dulwich	- - - L. & S.	7,519	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Camberwell	Wwll - - S. & L.	90,286	52	54	13	15	-	-	-	1	-	-	-	-	1	-	3	
Peckham	WW - - S., L., & K.	88,242	64	19	5	4	-	-	-	1	-	-	1	-	-	-	-	
St. George Camberwell	- - L. & S.	67,029	45	11	3	3	-	-	-	-	-	-	-	-	-	-	-	
Deptford North	- - - K.	36,152	37	11	4	1	-	-	-	-	1	-	-	-	-	-	-	
Deptford Central	w - - K.	45,441	31	20	6	3	-	-	-	5	-	2	-	-	1	-	-	
Deptford South	- - - K.	33,402	9	7	1	3	-	-	1	-	-	-	-	-	-	-	-	
Greenwich West	H - - K.	23,012	20	3	-	2	-	-	-	-	-	-	1	-	-	-	-	
Greenwich East	WH - - K.	37,767	22	13	2	6	-	-	-	-	-	-	1	-	-	-	-	
Eltham	wH - - - K.	5,911	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lee	H - - - K.	24,222	6	3	1	2	-	-	-	-	-	-	-	-	-	1	-	
Lewisham	WwH - - - K.	38,139	40	21	8	1	-	-	-	6	-	-	-	-	-	-	-	
Sydenham	H - - - L.	37,601	27	6	2	2	-	-	-	-	-	-	-	-	-	-	-	
Charlton	wHH - - - K.	15,928	14	8	-	1	-	-	1	4	-	-	1	-	-	-	-	
Woolwich Dockyard	- - - K.	19,355	15	3	1	-	-	-	-	-	-	-	-	-	-	-	2	
Woolwich Arsenal	HHHH - - K.	21,959	14	3	2	2	-	-	-	-	-	-	-	-	-	1	3	
Plumstead West	H - - - K.	18,714	10	3	-	2	-	-	-	-	-	-	-	-	-	-	-	
Plumstead East	WH - - - K.	42,538	27	11	3	4	-	-	-	-	-	-	1	-	1	1	1	
Banstead Asylum	- - -	-	-	6	-	1	-	-	-	-	-	-	-	-	-	-	-	
Horton Asylum, Epsom	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Oatcrham Asylum	- - -	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cane Hill Asylum	- - -	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hospital Ships and Camp, Dartford	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Darenth Asylum	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
London County Asylum, Dartford	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Heath	- - -	-	-	5	-	1	-	-	-	-	-	-	-	-	-	-	-	
Hanwell Asylum	- - -	-	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
Colney Hatch Asylum	- - -	-	-	6	-	3	-	-	-	-	-	-	-	-	-	-	-	
N.E. Hospital	- - -	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	
Winchmore Hill Hospital	- - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Leavesden Asylum	- - -	-	-	6	-	2	-	-	-	-	-	-	-	-	-	-	-	
Claybury Asylum	- - -	-	-	5	-	4	-	-	-	-	-	-	-	-	-	-	-	



—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE HOSPITALS, and ASYLUMS).—AREA: POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 18th November, 1899.

The DEATHS registered in the Week include																			
REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	Deaths of														
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Deaths from										Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death
							Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.					
DOON—OUTER RING	368,749	1,422,063	1163	500	128	131	-	6	7	18	2	15	3	14	36	72	5		
Carshalton H	12,228	26,108	15	6	3	1	-	-	-	-	-	-	-	2	2	1	1		
Epsom, part of* WwHH	10,423	12,508	8	4	-	1	-	-	1	-	-	1	-	1	1	2	-		
Godstone, part of* W	2,754	1,598	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Croydon WwHHH	20,851	128,699	91	40	8	11	-	-	-	1	-	3	-	1	3	12	-		
Mitcham w	11,697	23,072	16	11	5	1	-	-	-	-	-	-	-	2	-	-	-		
Wimbledon HHH	3,220	25,777	9	8	3	-	-	-	-	1	-	-	-	1	2	-	-		
Kingston WH	-	33,566	25	11	2	5	-	-	-	-	-	-	-	-	1	4	-		
Surbiton H-	14,672	12,178	8	3	1	2	-	-	-	-	-	-	1	-	-	-	-		
Esher, part of* HH	-	11,080	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hampton HL	4,565	18,252	11	5	-	2	-	-	-	-	-	-	-	-	-	-	-		
Richmond WH	2,160	25,389	9	4	1	1	-	-	-	-	-	-	-	-	1	1	-		
Mortlake H	2,823	16,159	11	5	1	1	-	-	-	-	-	-	-	-	1	1	-		
Bromley HHH	9,127	23,815	18	6	-	3	-	-	-	-	-	-	-	-	1	1	-		
Beckenham H	6,542	21,969	19	4	3	-	-	-	-	-	-	-	-	-	-	-	-		
Chislehurst, part of* WHH	14,307	20,372	15	5	2	2	-	-	-	1	-	1	-	-	-	-	-		
Bexley HHH	12,540	30,590	27	6	1	2	-	-	-	-	1	-	-	-	-	2	1		
Dartford WH, part of*	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Sunbury w	11,054	13,671	8	4	-	1	-	-	-	1	-	-	-	-	-	1	-		
Staines WH	13,277	13,221	12	4	-	2	-	-	-	-	-	-	-	-	-	-	-		
Hillingdon WHH	6,035	12,237	9	7	1	2	-	-	-	1	-	-	-	-	-	1	-		
Uxbridge	12,757	7,253	2	2	1	-	-	-	-	-	-	-	-	-	1	1	-		
Hayes wH	7,952	11,051	9	4	2	-	-	-	-	-	-	-	-	-	-	-	-		
Isleworth WHH	6,967	26,004	13	12	2	4	-	-	1	-	-	-	-	-	-	2	5		
Twickenham HH	2,415	16,027	12	5	-	2	-	-	-	1	-	-	-	-	-	1	-		
Brentford HHHH	4,318	37,777	28	8	2	2	-	-	-	-	-	-	-	-	1	1	-		
Chiswick	1,245	21,963	18	5	2	2	-	-	-	-	-	-	-	1	1	2	-		
Acton wHH	6,132	30,945	33	11	2	-	-	-	-	-	-	-	-	-	-	-	-		
Harrow HHH	13,809	15,715	10	5	1	3	-	-	-	-	-	-	-	-	1	-	-		
Edgware HH	6,994	3,844	5	2	1	-	-	-	-	-	-	-	-	-	-	1	2		
Willesden HHH	4,383	61,265	80	22	6	5	-	-	-	1	-	-	-	-	-	1	2		
Hendon WH	8,382	15,843	11	7	1	2	-	1	-	-	-	-	-	-	-	-	-		
South Mimms HH	-	6,367	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
Barnet WHH	21,077	14,152	6	2	-	-	-	-	-	-	-	-	-	-	-	-	1		
Finchley HHH	4,688	25,820	21	2	-	2	-	-	-	-	-	-	-	-	-	-	-		
Hornsey HH	3,039	61,097	40	18	3	5	-	-	-	-	1	-	-	-	1	2	-		
Tottenham HH	4,642	97,174	82	29	8	11	-	-	-	-	-	-	-	1	1	2	5		
Edmonton WwW	7,489	36,351	40	20	6	4	-	-	1	1	-	1	-	-	-	-	1		
Enfield WWHH	12,602	31,536	22	6	1	3	-	-	-	-	-	-	-	-	-	-	-		
Waltham Abbey	11,017	6,066	1	4	-	1	-	-	-	-	-	-	-	-	-	-	-		
Cheshunt H	8,480	9,620	3	6	-	3	-	-	-	-	-	-	-	-	-	-	-		
Hatfield, part of* W	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bushey H	9,331	7,737	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Watford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Stratford H	-	38,612	33	10	2	-	-	2	-	1	-	-	-	-	-	-	2		
Plaistow HHH	-	53,030	63	21	11	4	-	-	-	-	1	-	-	-	-	-	-		
Canning Town H	4,706	54,750	47	20	4	6	-	1	-	1	-	3	-	1	3	1	1		
Forest Gate w	-	53,511	35	11	4	2	-	-	-	1	-	-	-	-	-	-	-		
East Ham wHH	3,266	32,713	55	21	10	4	-	-	-	1	-	2	-	-	-	2	18		
Leyton WWWW	4,334	70,188	60	50	13	13	-	2	-	1	3	-	-	-	-	-	-		
Walthamstow HHHH	6,501	57,330	67	33	12	7	-	-	-	-	-	-	-	-	-	-	-		
Chigwell, part of* HHHH	11,779	12,941	4	6	-	4	-	-	-	-	-	-	-	-	-	-	-		
Epping WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Romford, part of* WH	6,556	4,324	6	1	-	1	-	-	-	-	-	-	-	-	-	-	1		
Ilford	8,493	10,913	19	5	1	1	-	-	-	1	-	-	-	-	-	1	-		
Barking Town, H	3,814	14,301	17	4	2	2	-	-	-	-	-	-	-	-	-	-	-		
City of London Asylum, Stone	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1		
Middlesex County Asylum, Wandsworth.	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	3		
N.W. Fever Hos., Hampstead	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1		
S.W. Fever Hospital, Brixton	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1		
London County Asylum, Cane Hill.	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1		

The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warringham and Epsom in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chislefield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in old sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Infectious Diseases belonging to the Outer Ring in 42; 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 18th November, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include									
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from							
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10	11.	12.	13.	14	15.
GREATER LONDON	443,421	6,523,434	16·2	1·8	2023	483	499	-	35	13	74	11	70	23	71
INNER LONDON -	74,672	4,546,752	17·5	2·0	1528	355	368	-	29	6	56	9	55	20	57
OUTER RING -	368,749	1,981,682	13·2	1·3	500	128	131	-	6	7	18	2	15	3	14

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 632,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES	POPULATION (enumerated or estimated).	DATE OF RETURN.	BIRTHS.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.					
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.
		Week ending	Exclusive of Stillborn								
EDINBURGH -	298,927	Nov. 18	160	106	18·5	-	1	-	-	-	1
GLASGOW - -	733,903	" 18	380	279	19·8	-	12	7	5	3	6
DUBLIN - - -	349,594	" 18	241	248	37·0	-	51	2	3	2	9
CALCUTTA - -	466,460	Sept. 30	-	-	-	-	-	-	-	-	-
BOMBAY - - -	821,764	Oct. 24	227	740	46·8	7	7	?	?	?	171†
MADRAS - - -	452,518	" 13	371	349	40·1	-	4	?	?	?	75
PARIS - - - -	2,511,929	Nov. 11	1074	778	16·1	-	4	2	3*	1	21
BRUSSELS - -	561,130	" 11	282	154	14·3	-	-	1	2*	-	5
AMSTERDAM -	517,595	" 4	268	140	14·0	-	-	-	2	1	2
ROTTERDAM -	315,305	" 4	221	97	15·9	-	-	-	1	2	3
THE HAGUE -	199,285	" 4	115	44	11·5	-	2	-	1	-	-
COPENHAGEN -	349,000	" 11	177	136	20·3	-	-	3	-	4	2
STOCKHOLM -	291,580	" 4	133	81	14·4	-	-	-	7*	-	1
CHRISTIANIA -	221,255	" 11	168	45	10·1	-	1	-	-	-	-
ST. PETERSBURG	1,132,677	" 4	677	469	21·6	2	14	12	24	6	13
MOSCOW - - -	988,610	" 4	-	437	23·0	1	1	10	17	1	3
BERLIN - - -	1,818,517	Oct. 7	-	-	-	-	-	-	-	-	-
HAMBURG - - -	675,351	Nov. 11	-	215	16·6	-	1	2	2*	1	-
DRESDEN - - -	397,300	Oct. 14	236	128	16·7	-	4	-	1*	1	-
BRESLAU - - -	406,012	Nov. 11	-	183	23·5	-	1	1	1	1	1
MUNICH - - -	445,000	" 11	-	206	24·1	-	-	1	4*	2	-
VIENNA - - -	1,023,134	" 4	910	565	18·0	-	6	3	6*	2	1
PRAGUE - - -	384,622	" 4	216	182	24·5	-	-	3	2	-	4
BUDA-PESTH -	606,722	" 4	462	255	19·9	-	1	10	1	1	4
TRIESTE - - -	166,599	Oct. 28	109	85	26·4	-	-	2	-	1	2
ROME - - - -	508,779	" 21	227	120	12·3	-	-	-	-	-	7§
TURIN (10 days)	344,203	Sept. 30	206	147	21·8	-	-	-	1	2	3
VENICE - - -	172,288	Oct. 28	65	67	20·3	-	-	-	-	-	2
CAIRO - - - -	570,062	" 7	447	343	31·3	-	1	-	11*	-	8
ALEXANDRIA -	319,766	" 7	214	191	31·1	-	-	-	2*	-	6†
NEW YORK (including Brooklyn)	3,550,053	" 7	1799	1174	17·3	-	5	2	23	8	20
PHILADELPHIA -	1,266,832	" 28	-	342	14·1	-	-	4	21	4	4

\* Including deaths from croup.

† Including 83 deaths from plague in Bombay, and 1 in Alexandria.

‡ Including 1 death from cholera.

§ Including 2 deaths from malarial fever.

1899.

1899.		Phases of the Moon.		Of the Air.				Of the Dew Point.				Of the Temperature.				Of the Radiation.				Of the Direction.				Of the Pressure on the Square Foot.				Of the Ozone.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
MONTH AND DAY		Mean daily rising (corrected and reduced to 32° Fahrenheit).		High-est.	Low-est.	Daily Range.	Mean daily value.	De-parture from Average of 50 years.	Mean daily value.	Great-est.	Least.	Mean daily value.	Great-est.	Least.	Highest in Sun's Ray's.	Lowest in Grass.	Of the 2 feet below the Surface.	A.M.	P.M.	Great-est.	Least.	Mean hourly.	Horizontal Movement of the Air on each Day.	Depos- iture from Average of the 16 Years.	Sum of the 16 Years.	in. 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00</

GENERAL REMARKS.

DATE.	EXPLANATION OF SYMBOLS (see Note)	Registered in hours.	Sum above horizon in hours.	GENERAL REMARKS.
NOVEMBER				
SUNDAY - 12	w. P. throughout -	25	9.0	Fine; partially cloudy.
MONDAY - 13	Instrument under adjustment.	05	8.9	Fine in morning; generally cloudy afterwards. Lunar halo at night.
TUESDAY - 14	"	36	8.9	Cloudy in morning; fine, with large amounts of cloud till evening; cloudless at night, with high fog after 11h. P.M. A brilliant flash of lightning seen at 7h. 40m. P.M.
WEDNESDAY - 15	"	17	8.8	Dense fog prevalent till 10h. A.M.; very fine till noon; overcast afterwards. A little fine rain falling at 11h. P.M.
THURSDAY - 16	Loss of Register till noon; w. P. afterwards.	00	8.8	Generally overcast till evening, with partial breaks between 4h. 30m. and 6h. 30m. A.M.; partially cloudy at night.
FRIDAY - 17	w. P. throughout -	01	8.7	Cloudy generally.
SATURDAY - 18	w. P. throughout -	00	8.7	Overcast generally; fog and hoar frost in morning.
No. of Col.	-	28	29	

The results apply to the civil day or from midnight to midnight. The height of the cistern of the barometer is 153 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations of daily taken at 9 A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of the correction deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry bulb thermometer by Glaisher's Hygrometrical Tables. The average temperature of the air is thus derived from a discussion of the observations made at Greenwich during the 60 years ending 1890, and that of horizontal movement of the air from a discussion of the aneroid records for the 10 years ending 1876. In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined. The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: - P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day. The reading of the barometer increased from 3007 in. at the beginning of the week to 3024 in. by 11h. P.M. on the 12th; decreased to 3004 in. by 3h. P.M. on the 14th; increased to 3054 in. by 10h. A.M. on the 17th; and decreased to 3038 in. by the end of the week.



LONDON:  
PRINTED FOR HER MAJESTY'S STATIONERY OFFICE  
BY DARLING & SON, LTD., 1-3, GREAT ST. THOMAS APOSTLE, E.C.

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1899.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

Printed under the Superintendence of Her Majesty's Stationery Office,

AND SOLD BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 47. 1899. VOL. LX.]      WEEK ENDING SATURDAY, NOV. 25.      [Price 1½d.

General Register Office, Somerset House,  
November 27th, 1899.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 19·3 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Nov. 4.	Nov. 11.	Nov. 18.	Nov. 25.		Nov. 4.	Nov. 11.	Nov. 18.	Nov. 25.
33 Great Towns	18·8	18·0	17·3	19·3	Leicester - -	18·3	20·2	17·1	19·3
Birkenhead -	18·1	19·0	14·0	24·5	Liverpool - -	21·6	25·1	21·2	24·8
Birmingham -	19·5	19·4	18·0	24·0	London - - -	18·6	17·3	17·5	17·5
Blackburn -	17·4	24·3	22·4	21·6	Manchester - -	21·6	19·3	18·5	19·5
Bolton - - -	25·7	16·1	20·6	18·0	Newcastle-on-Tyne	19·8	16·6	15·3	19·2
Bradford - -	17·4	16·8	15·9	16·3	Norwich - - -	14·7	17·5	14·7	16·6
Brighton - -	11·8	14·0	15·7	20·3	Nottingham - -	17·6	18·3	19·6	19·8
Bristol - - -	23·6	24·9	15·9	20·0	Oldham - - -	18·7	19·7	13·1	18·0
Burnley - - -	14·8	16·1	11·5	18·9	Plymouth - - -	16·1	17·6	13·0	15·0
Cardiff - - -	13·5	16·6	12·6	15·2	Portsmouth - -	15·6	17·2	14·5	23·5
Croydon - - -	13·9	10·2	12·7	13·5	Preston - - -	21·3	18·6	25·3	29·7
Derby - - -	11·3	10·3	14·7	13·2	Salford - - -	22·9	19·4	16·5	24·6
Gateshead - -	21·5	15·7	19·1	18·1	Sheffield - - -	21·5	16·5	21·4	22·7
Halifax - - -	16·5	10·7	11·7	14·4	Sunderland - -	19·0	18·6	15·4	18·3
Huddersfield -	13·1	13·1	14·6	12·1	Swansea - - -	15·6	11·1	15·1	16·1
Hull - - -	18·7	16·7	19·4	28·0	West Ham - - -	16·3	14·1	12·3	16·8
Leeds - - -	17·8	20·2	17·5	20·9	Wolverhampton -	24·1	20·0	14·7	20·0

The highest annual death-rates per 1000 living, as measured by last week's mortality, were :—from *measles*, 1·3 in Sheffield and in Hull, 1·4 in Burnley, 1·8 in Birkenhead, and 2·4 in Salford; from *whooping-cough*, 1·2 in Croydon, and 1·4 in Norwich; and from "*fever*," 1·2 in Wolverhampton, and 2·0 in Nottingham. In none of the thirty-three towns did the death-rate from *scarlet fever* or from *diarrhœa* reach 1·0 per 1000. The 97 deaths from *diphtheria* included 43 in London, 11 in Sheffield, 7 in Leeds, 7 in Liverpool, 5 in Birmingham, 4 in Leicester, and 3 in Cardiff. Twenty-two deaths from *small-pox* were registered in Hull, but not one in any other of the thirty-three towns.

## LONDON.

In LONDON† 2556 BIRTHS and 1526 DEATHS were registered. Allowing for increase of population, the births were 43, and the deaths 165, below the average numbers in the corresponding weeks of the last ten

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 18·6, 17·3, and 17·5 in the preceding three weeks, was again 17·5 last week. During the four weeks ending on Saturday last the death-rate averaged 17·7 per 1000, being 1·4 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1526 deaths included 44 from measles, 13 from scarlet fever, 43 from diphtheria, 16 from whooping-cough, 29 from enteric fever, 10 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 155 deaths were referred to these diseases, being 43 below the corrected average weekly number.

The deaths from *measles*, which had been 33, 42, and 29 in the preceding three weeks, rose again last week to 44, but were 9 below the corrected average; 7 cases belonged to Fulham and 6 to Battersea sanitary areas. The deaths from *scarlet fever*, which had been 7, 14, and 6 in the preceding three weeks, rose again last week to 13, but were 11 below the corrected average; 3 cases belonged to Islington, 2 to Clerkenwell, and 2 to Greenwich sanitary areas. The deaths from *diphtheria*, which had been 39, 68, and 56 in the preceding three weeks, further fell last week to 43, and were 10 below the corrected average; 6 cases belonged to Camberwell, 4 to Islington, 4 to Hackney, 3 to Kensington, 3 to Bethnal Green, 3 to Mile End Old Town, and 3 to Newington sanitary areas. The deaths from *whooping-cough*, which had been 14, 11, and 9 in the preceding three weeks, rose again last week to 16, but were 15 below the corrected average; 4 cases belonged to Poplar sanitary area. The fatal cases of *enteric fever*, which had been 29, 51, and 55 in the preceding three weeks, fell again last week to 29, but were 7 above the corrected average; 4 cases belonged to Bethnal Green, 3 to Islington, and 3 to Poplar sanitary areas. The deaths from *diarrhœa*, which had been 22, 13, and 20 in the preceding three weeks, fell again last week to 10, and were 4 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 418, 325, and 324 in the preceding three weeks, rose again last week to 350, but were 75 below the corrected average. The deaths attributed directly to *influenza* numbered 12, having been 19, 14, and 18 in the preceding three weeks.

Different forms of violence caused 61 deaths, concerning all of which inquests were held. Of these 61 deaths, 6 were cases of suicide, while the remaining 55 were attributed to accident or negligence. Nine of these were referred to vehicles in the streets, 6 to burns and scalds, 5 to drowning, and 9 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 3503 cases of scarlet fever, 1761 of diphtheria, and 448 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 293 cases, against 331, 328, and 334; of diphtheria, 266 cases, against 230, 218, and 219; and of enteric fever, 54 cases, against 103, 79, and 73.

#### GREATER LONDON.

In Greater London 3,654 births and 2,054 deaths were registered, corresponding to annual rates of 29·2 and 16·4 per 1000 of the estimated population. In the Outer Ring 5 deaths from measles, 1 from scarlet fever, 18 from diphtheria, 5 from whooping-cough, 5 from "fever," and 7 from diarrhœa were registered. Ten deaths from diphtheria occurred in West Ham District.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 30·21 inches, and that of the Thermometer 45°·5; the latter being 3°·4 above the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 28 per cent. below the week's average in the 16 years 1860-75. No sunshine was registered, nor was any rain measured during the week.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases, the diagnosis is found after sojourn in the Hospital to have been erroneous.



[illegible]

See note # on first page of this return.

\* See note # on first page of this return.

TABLE 2. LONDON.—Births and Deaths Registered in the FORTY-SEVENTH Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2517	2206	2395	2391	2329	2704	2596	2638	2523	2155	2599.2	2556
Males - - -	1301	1059	1175	1223	1317	1379	1314	1400	1295	1082	1313.9	1267
Females - - -	1216	1147	1220	1168	1212	1325	1282	1238	1228	1073	1279.3	1289
<b>TOTAL Deaths</b>	1376	1716	1612	1417	2190	1323	1483	1638	1733	1439	1601.3	1526
Males - - -	690	827	804	717	1102	655	770	838	891	719	843.1	796
Females - - -	686	889	808	730	1088	671	718	850	902	720	818.2	728

\* The numbers in this column are the average weekly numbers in the forty-seventh week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Sept. 2.	Sept. 9.	Sept. 16.	Sept. 23.	Sept. 30.	Oct. 7.	Oct. 14.	Oct. 21.	Oct. 28.	Nov. 4.	Nov. 11.	Nov. 18.	Nov. 25.
<b>TOTAL Births</b>	-	2532	2442	2675	2531	2399	2540	2549	2529	2495	2613	2711	2553
<b>TOTAL Deaths</b>	-	1931	1934	1643	1649	1456	1564	1637	1567	1841	1626	1506	1526
<b>Ages at Death</b>													
Under 1 year - - -	805	744	572	502	379	359	333	318	376	352	334	355	331
1-5 years - - -	265	250	187	188	158	172	162	159	203	197	215	180	226
5-20 " - - -	80	75	80	106	80	89	89	92	118	86	118	93	91
20-40 " - - -	181	215	201	204	173	219	233	222	269	206	218	214	193
40-60 " - - -	261	313	282	309	330	339	338	342	361	303	280	318	306
60-80 " - - -	265	267	259	269	280	316	378	352	391	339	274	300	312
80 years and upwards	74	70	62	71	55	73	87	82	96	63	69	68	65
<b>Deaths from—</b>													
Small pox - - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles - - -	34	33	17	17	15	21	20	26	34	33	42	29	44
Scarlet Fever - - -	5	5	2	8	9	7	9	6	14	7	14	6	13
Diphtheria - - -	29	24	22	42	44	55	56	60	59	39	68	55	43
Whooping-cough - - -	31	25	16	19	23	10	10	6	10	14	11	9	16
Typhus - - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever - - -	18	12	18	24	19	19	21	15	40	29	51	55	29
Simple Continued Fever - - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery - - -	368	322	233	162	81	53	49	25	17	22	13	20	10
Cholera - - -	22	8	9	6	2	2	-	-	1	1	-	-	-
<b>All the above Diseases</b>	507	429	317	278	193	167	165	133	175	145	169	175	155
<b>Dis. of Respiratory System—</b>													
Phthisis - - -	131	170	193	138	156	215	275	306	477	418	325	324	330
Dis. of Circulatory System - - -	140	167	183	139	157	173	180	203	203	157	133	141	153
Violence - - -	114	132	110	134	124	167	170	139	173	122	107	148	141
Inquest Cases - - -	60	65	62	71	57	71	75	79	63	54	75	57	61
Deaths in Public Institutions - - -	134	160	145	147	135	148	144	153	155	122	144	134	154
	484	559	464	482	481	501	541	558	577	507	509	491	485
<b>TEMPERATURE OF THE AIR.</b>													
Mean - - -	63.5	65.6	57.5	51.6	52.1	49.3	47.3	47.4	51.8	53.2	50.9	45.9	45.5
Mean of Highest readings - - -	74.1	76.5	67.0	63.5	61.0	56.6	53.9	56.6	57.4	59.1	56.2	51.3	49.0
Mean of Lowest readings - - -	55.2	55.2	43.8	48.2	45.5	42.6	36.2	39.4	45.9	47.1	45.4	39.9	40.6
<b>Humidity of the Air</b>	71	70	73	63	76	83	82	82	90	83	78	84	80
<b>Rain-fall (in inches)</b>	0.29	0.54	0.27	0.36	1.01	0.50	0.12	0.00	1.30	1.81	2.33	0.00	0.00
<b>Registered Sunshine (in hours)</b>	53.4	47.5	23.5	38.3	32.5	12.2	33.9	43.3	7.8	22.5	20.9	8.4	0.0
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - - -	-	-	2640	2758	23.6	3003	3217	3408	3504	3539	3564	3578	3503
Scarlet Fever - - -	2538	2549	1486	1474	1.87	1519	1595	1659	1700	1715	1692	1736	1761
Diphtheria - - -	1502	1464	1486	1474	1.87	1519	1595	1659	1700	1715	1692	1736	1761
Enteric Fever - - -	213	224	228	235	252	275	308	331	342	407	426	443	448

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 2.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak Hull.



TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-SEVENTH Week of the Year 1899.

CAUSES OF DEATH		Corrected Averages for the 47th Week of the 10 years 1889-98.	In the Week ending Saturday, 25th November 1899.										Corrected Averages for the 47th Week of the 10 years 1889-98.	In the Week ending Saturday, 25th November 1899.									
			Deaths of Persons of the Ages											Deaths of Persons of the Ages									
			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.					
				0-1.	1-5.	5-20.						0-1.		1-5.					5-20.				
USES - - -	1891'3	1528	331	226	94	193	305	312	65			Diseases of Circulatory System - - -	144'6	141	-	1	9	16	44	65	6		
{ Vaccinated† -	0'1	-	-	-	-	-	-	-	-			Croup - - -	5'1	3	-	3	-	-	-	-	-	-	
{ Unvaccinated -	0'2	-	-	-	-	-	-	-	-			Bronchitis - - -	242'7	183	65	25	1	5	33	43	11		
{ No Statement -	0'1	-	-	-	-	-	-	-	-			Pneumonia - - -	138'8	139	42	50	6	10	15	15	1		
Fever - - -	52'6	44	5	36	3	-	-	-	-			Pleurisy - - -	7'3	2	-	1	-	-	-	-	-		
ing Fever - - -	23'5	13	1	10	1	1	-	-	-			Other Diseases of Res- piratory System -	30'6	23	9	1	-	2	4	6	1		
ing-cough - - -	12'1	12	2	1	-	3	3	3	-			Dentition - - -	6'8	4	3	1	-	-	-	-	-		
ria - - -	30'8	16	4	11	1	-	-	-	-			Quinsy, Sore Throat -	2'6	2	1	-	1	-	-	-	-		
Continued and	53'2	43	2	30	11	-	-	-	-			Enteritis - - -	11'2	9	3	1	2	2	1	-	-		
ned Fever - - -	0'5	-	-	-	-	-	-	-	-			Gastro-enteritis - - -	6'5	11	6	1	1	-	2	1	-		
and Chol. Diarr.	21'8	29	-	2	8	15	4	-	-			Peritonitis - - -	23'0	24	2	1	1	3	12	5	-		
ea, Dysentery -	0'3	10	5	2	-	1	-	2	-			Diseases of Liver -	28'9	20	5	3	2	2	4	3	1		
nt Fever - - -	14'3	-	-	-	-	-	-	-	-			Other Diseases of Digestive System }											
obia - - -	-	-	-	-	-	-	-	-	-			Diseases of Lymphatic System & of Ductless Glands - - -	2'2	3	-	1	-	1	-	1	-		
s - - -	0'1	-	-	-	-	-	-	-	-			Diseases of Urinary System - - -	44'5	53	-	2	-	4	20	23	4		
and Effects of	0'6	-	-	-	-	-	-	-	-			Diseases of Generative System -	6'0	6	-	-	-	3	3	-	-		
ation - - -	10'2	6	5	2	-	1	1	-	-			Accidents of Childbirth -	5'2	7	-	-	-	7	-	-	-		
fections - - -	5'9	12	2	-	-	1	1	-	-			Diseases of Locomotive System - - -	5'9	5	-	2	-	1	-	2	-		
as - - -	2'4	3	2	1	-	5	-	1	-			Diseases of Integumen- tary System - - -	7'2	5	1	1	-	-	-	3	-		
and Septicæmia	6'5	5	-	-	-	-	-	-	-			VIOLENT DEATHS.†											
al Fever - - -	1'2	3	2	1	-	-	-	-	-			(ACCIDENT.)											
ymotic Diseases	0'9	-	-	-	-	-	-	-	-			By Railways - - -		1	-	-	-	1	-	-	-		
and other Para- Diseases	0'1	-	-	-	-	-	-	-	-			By Vehicles or Horses -		9	-	-	3	1	1	4	-		
on, Want of	2'0	1	-	1	-	-	-	-	-			In Ships, Boats, Docks, (exclusive of Drown- ing) - - -		-	-	-	-	-	-	-			
-milk - - -	9'5	12	-	-	-	10	2	-	-			In Building Operations -		-	-	-	-	-	-	-			
sin - - -												In Conflagrations -		-	-	-	-	-	-	-			
tic Fever, Antism of Heart	9'2	14	1	-	7	2	2	-	-			By Burns, Scalds, Ex- plosions - - -	54'7	6	4	1	-	-	1	-			
tism - - -	3'1	4	-	-	-	-	1	2	1			By Drowning - - -		5	-	-	2	2	1	-			
- - -	2'6	3	1	2	-	-	-	-	-			By Suffocation in Bed -		9	9	-	-	-	-	-			
- - -	4'3	78	3	3	2	1	-	-	-			By Poisons or Poisonous Vapours - - -		-	-	-	-	-	-	-			
esenterica - - -	16'0	20	6	10	3	1	-	-	-			Other or not stated causes - - -		25	4	2	5	3	5	5	1		
lar Meningitis -	22'9	28	6	10	3	1	-	-	-			(VIOLENCE OTHER THAN ACCIDENTAL.)											
Tuberculosis -	168'1	153	2	211	69	58	13	-	-			Homicide - - -	0'8	-	-	-	-	-	-	-	-		
Constitutional	19'1	16	-	4	3	5	3	1	-			Suicide - - -	7'6	6	-	-	-	2	3	1	-		
es - - -	14'4	11	1	1	1	4	2	2	-			Execution - - -	0'1	-	-	-	-	-	-	-	-		
are Birth - - -	46'2	62	-	-	-	-	-	-	-			OTHER CAUSES - - -	51'9	34	32	1	-	-	-	1	-		
sis - - -	4'8	3	8	-	-	-	-	-	-														
al Malforma- }	7'8	5	4	1	-	-	-	-	-														
- - -	46'3	53	-	-	-	-	28	25	-														
y - - -	43'1	48	-	-	1	1	17	22	7														
ons - - -	6'5	5	-	-	2	-	1	-	-														
Diseases of Brain	37'9	31	29	2	-	-	-	-	-														
ervous System	79'9	65	4	4	6	9	17	21	4														
of Organs of Sense	4'1	2	-	-	1	1	-	-	-														

Numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5'213 per cent. for increase of population. Those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical attendants. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the death is not certified by a registered practitioner, the case is returned under the heading "no statement," or when the evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &c., registered in the SUB-DISTRICT during the Week ending Saturday, 25th November, 1899.

The DEATHS registered during the Week include																		
REGISTRATIONS SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from												Inquest Cases.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Fever.	Continued Fever.	Diarrhoea.	Violence.		
LONDON -	4,411,710	2,556	1,526	331	377	-	44	13	43	16	-	29	-	10	61	154	48	
WEST DISTRICTS	778,251	382	245	50	61	-	10	2	4	2	-	4	-	2	7	17	7	
NORTH DISTRICTS	1,040,694	530	312	81	65	-	6	2	12	4	-	6	-	1	13	31	10	
CENTRAL DISTRICTS	233,635	131	74	13	10	-	2	-	3	1	-	3	-	3	3	6	3	
EAST DISTRICTS	716,334	484	297	61	71	-	7	4	22	5	-	10	-	4	14	55	9	
SOUTH DISTRICTS	1,642,796	1,029	554	126	156	-	19	4	22	4	-	7	-	3	24	45	13	
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*	-	-	44	-	14	-	-	5	-	-	-	1	-	-	-	-	4	
WEST DISTRICTS.																		
St. Mary Paddington } G. & W.	90,996	47	24	3	7	-	1	-	-	-	-	-	-	-	1	3		
WHH - - -																		
St. John Paddington H - - G.	33,510	12	5	-	3	-	-	-	-	-	-	-	-	-	-	-		
Kensington Town Ww - - W.	122,164	61	35	8	10	-	-	-	-	-	-	-	-	-	1	1	1	
Brompton HH - - - W. & C.	48,301	10	15	3	5	-	-	-	-	-	-	-	-	-	-	-		
North Hammersmith } H } W. & G }	44,638	29	13	5	1	-	-	-	-	-	-	-	-	-	-	-		
South Hammersmith } H }	59,561	28	16	3	6	-	-	-	-	-	-	-	-	-	1	3		
Fulham Ww - - - W. & C.	113,781	83	55	10	8	-	7	2	4	1	-	3	-	-	-	3	2	
Chelsea Kensal Town - - C.	21,450	12	4	-	1	-	-	-	-	-	-	-	-	-	-	-		
Chelsea North WHHHH - - C.	42,057	26	20	5	5	-	-	-	-	-	-	-	-	-	1	-		
Chelsea South HH - - - C.	33,139	13	10	3	1	-	1	-	-	1	-	1	-	-	-	-		
May Fair W - - - - G.	23,827	6	10	-	5	-	-	-	-	-	-	-	-	-	1	1	1	
Belgrave WHHH - - - C.	56,140	27	17	4	5	-	-	-	-	-	-	-	-	-	1	1	1	
St. John Westminster HH - - C.	31,492	14	7	3	-	-	-	-	-	-	-	-	-	-	1	1	1	
St. Margaret Westminster H - C.	22,097	5	6	2	1	-	1	-	-	-	-	-	-	-	1	2		
St. James Westminster } N. & G.	23,050	4	7	1	3	-	-	-	-	-	-	-	-	-	-	1		
WH - - -																		
St. Anne Soho HHHHH - N.	12,048	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
NORTH DISTRICTS.																		
All Souls Marylebone } - - W.	36,595	14	15	4	-	-	-	-	-	-	-	-	-	-	-	-		
HHHHHHHHH - - -																		
Rectory Marylebone W } G. & W.	19,798	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Mary Marylebone } G. & W.	19,637	27	6	2	1	-	-	-	-	-	-	-	-	-	-	-		
HHHH - - -																		
Christchurch Marylebone H - W	32,547	6	5	1	2	-	-	-	-	-	-	-	-	-	-	-		
St. John Marylebone HHH - W.	32,611	18	4	-	2	-	-	-	-	-	-	-	-	-	-	-		
Hampstead } - N. & W.	75,449	23	13	-	5	-	-	-	3	-	-	-	-	-	1	1		
WwHHHHH - - -																		
Regent's Park Pancras HH - W.	37,341	16	6	-	1	-	-	-	-	-	-	1	-	-	-	-		
Tottenham-court } - N. & W.	26,757	8	19	3	2	-	-	-	-	-	-	2	-	-	-	2	1	
wHHHHHH - - -																		
Gray's Inn Lane HHHH - N.	29,426	19	13	6	2	-	-	-	-	-	-	-	-	-	-	1	-	
Somers Town HH - - - N.	32,161	27	14	11	1	-	-	-	-	-	-	-	-	-	-	-		
Camden Town WH - - - N.	16,669	9	9	1	2	-	-	-	-	-	-	-	-	-	1	1	1	
Kentish Town WW - - - N.	98,410	59	30	9	6	-	-	-	-	1	-	-	-	-	2	2		
Upper Holloway } - - N.	98,273	39	44	7	15	-	2	-	-	-	-	-	-	-	1	5	2	
WWWWwHHH - - -																		
Islington South-west H - N.	107,365	59	31	11	6	-	1	1	-	1	-	-	-	-	3	5	-	
Islington South-east - - N.	66,549	41	16	4	6	-	-	-	-	-	-	-	-	-	1	2	5	
Highbury HH - - - N.	64,577	30	13	4	2	-	-	-	1	1	-	-	-	-	1	1	1	
Stoke Newington H - - N.	33,485	20	3	-	-	-	1	-	-	-	-	-	-	-	-	-		
North Hackney - - - E. & N.		19	4	1	2	-	-	-	-	-	-	-	-	-	-	-		
Central Hackney ww - - E. & N.		27	23	5	2	-	-	1	7	1	-	2	-	-	-	3	1	
South-west Hackney HHH E. & N.	213,044	29	16	2	3	-	-	-	-	-	-	1	-	-	-	2	4	
South-east Hackney WwH E. & N.		28	26	9	5	-	2	-	1	-	-	-	-	-	-	1	1	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated the namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; /—Private Lunatic Asylum in which paupers received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. signifying Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. River; E. East London; and K. The Kent Company.

\* See note on first page of this Return.  
† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899 and re-named North Hammersmith and South Hammersmith, respectively.

5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 25th November, 1899—continued.

ADMINISTRATION SUB-DISTRICTS	Enu- me- rated Popu- lation. 1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include															Deaths in Public Institutions	Uncertified Causes of Death
				Deaths of		Deaths from														
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence	Inquest Cases				
CENTRAL DISTRICTS.																				
Bloomsbury and St. Giles } - N.	29,086	25	9	2	-	-	1	-	-	-	-	-	-	-	-	-	1	3		
St. Giles North } - N.	3,151	8	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-		
Golden Square } - N.	13,077	3	8	-	1	-	-	-	-	-	-	1	-	-	-	-	-	6		
St. Giles North } - N.	11,839	2	4	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2		
Union Workhouse, Edmonton } - N.	1,037	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	12		
St. Giles North } - N.	31,042	13	11	-	1	-	-	-	-	1	-	-	1	-	-	-	-	8		
St. Giles North } - N.	15,777	7	4	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. Giles North } - N.	34,356	18	6	2	-	-	-	-	-	-	1	-	-	-	-	-	1	-		
St. Giles North } - N.	18,069	5	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Giles North } - N.	29,897	33	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Giles North } - N.	7,585	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Giles North } - N.	4,035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Giles North } - N.	1,892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Giles North } - N. & E.	9,762	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Giles North } - N.	3,299	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Giles North } - N.	9,591	6	10	1	1	-	-	-	-	-	-	-	-	-	-	-	3	9		
St. Giles North } - N.	9,059	3	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2		
St. Giles North } - N.	1,388	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
EAST DISTRICTS.																				
St. Giles North } - E. & N.	17,975	4	10	4	1	-	-	-	1	-	-	-	-	-	-	1	4	-		
St. Giles North } - N.	29,575	21	14	2	8	-	1	-	-	-	-	-	-	-	-	1	3	7		
St. Giles North } - N.	27,645	13	7	3	1	-	1	-	-	-	-	-	-	-	-	1	1	-		
St. Giles North } - N. & E.	47,163	33	24	3	8	-	1	-	-	-	-	-	1	-	-	2	3	16		
St. Giles North } - E.	49,301	34	11	5	1	-	-	-	-	1	-	-	-	-	-	-	-	1		
St. Giles North } - E.	34,194	26	7	3	-	-	-	-	-	-	-	1	-	-	-	-	-	-		
St. Giles North } - E.	45,667	34	16	2	6	-	-	-	-	-	-	-	-	1	-	-	-	9		
St. Giles North } - E. & N.	26,681	23	13	1	2	-	2	-	-	-	-	-	-	-	-	1	3	-		
St. Giles North } - E.	51,995	24	32	3	3	-	-	-	-	-	-	1	-	-	-	1	3	26		
St. Giles North } - E.	39,576	32	11	4	2	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. Giles North } - E.	7,930	4	8	-	4	-	-	-	-	-	-	-	-	-	1	1	7	-		
St. Giles North } - E. & N.	10,434	2	8	2	1	-	-	-	-	-	-	1	-	-	1	1	2	4		
St. Giles North } - E.	14,954	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. Giles North } - E.	32,917	28	9	2	-	-	-	-	-	-	-	-	-	-	-	1	4	-		
St. Giles North } - E.	111,060	44	18	7	5	-	-	-	-	-	-	-	-	-	-	-	5	-		
St. Giles North } - E.	41,687	20	16	3	3	-	1	-	-	1	-	-	-	-	-	-	3	1		
St. Giles North } - E.	69,821	48	41	9	11	-	-	-	-	2	-	1	-	-	-	3	12	18		
St. Giles North } - E.	57,759	56	19	3	6	-	-	-	-	1	-	2	-	-	-	2	5	1		

Sub-Districts of St. George Bloomsbury and St. Giles South were united on 1st November 1899, and re-named Bloomsbury and St. Giles South.

† Population in 1891, not included in the total population of the Central Districts or of London.

‡ The Sub-Districts of St. Botolph and Broad Street were united on 1st September 1899.

St. Botolph Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 25th November, 1899—continued.

REGISTRATIONSUB-DISTRICTS		Enu- mer- ated Popu- lation, 1896.	TotalBirths.	TotalDEATHS.	Deaths of		Deaths from											InquestCases.
					Infantsunder 1 Year of Age.	Personsaged 10 Years and upwards.	Small-pox.	Measles.	ScarletFever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarhoea.	Violence.		
SOUTH DISTRICTS.																		
Christchurch Southwark W HL & S.		13,064	5	4	1	1	-	-	-	-	-	-	-	-	-	-	2	
St. Saviour Southwark	-	12,301	10	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
Kent-road	-	22,879	15	14	4	1	-	2	-	-	-	-	-	-	-	1	1	
Borough-road WH	-	16,083	10	8	3	1	-	-	-	-	-	-	-	-	-	1	2	
London-road HL	-	21,316	9	5	1	-	-	-	-	-	-	-	-	-	-	-	-	
Trinity Newington	-	28,723	20	11	2	5	-	-	-	-	-	-	-	-	-	-	-	
St. Peter Walworth W	-	62,045	36	14	2	5	-	1	-	1	-	-	-	-	-	2	-	
St. Mary Newington-	-	30,171	23	6	3	1	-	-	-	-	-	-	-	-	-	-	-	
St. Olave WH	-	11,731	4	18	2	2	-	-	-	-	-	-	1	-	-	4	4	
Bernondsey W	-	85,475	61	31	16	2	-	2	-	-	-	-	-	-	1	-	4	
Rotherhithe Ww	-	40,379	21	16	-	4	-	1	-	-	-	-	-	-	-	-	-	
Waterloo-road HH	-	28,396	22	8	3	2	-	-	-	-	-	-	-	-	-	1	1	
Lambeth Church 1st H	-	18,770	12	14	1	4	-	-	-	-	-	-	-	-	-	1	1	
Lambeth Church 2nd WW	-	40,994	41	16	3	5	-	-	-	-	-	-	-	-	-	1	1	
Kennington 1st H	-	52,486	21	13	-	8	-	-	-	1	-	-	-	-	-	1	3	
Kennington 2nd	-	43,244	17	11	2	6	-	-	-	-	-	-	-	-	-	2	2	
Brixton w	-	81,825	45	20	8	10	-	1	-	-	-	1	-	-	1	1	1	
Norwood WH	-	29,318	14	4	2	1	-	-	-	-	-	-	-	-	1	1	-	
East Battersea	-	71,730	51	17	2	3	-	4	-	-	1	-	-	-	-	-	-	
West Battersea WwH	-	93,385	55	29	6	9	-	2	-	-	-	-	-	-	-	-	-	
Clapham H	-	46,953	32	12	1	5	-	-	-	-	-	-	-	-	1	1	-	
Wandsworth WHHL	-	58,101	38	16	2	6	-	2	-	-	-	-	-	-	-	-	-	
Putney	-	20,566	9	7	-	4	-	-	-	-	1	-	-	-	-	-	-	
Streatham WwwwL	-	61,644	37	22	4	9	-	-	-	4	-	1	-	-	-	-	-	
Dulwich	-	7,519	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Camberwell Wwll	-	90,286	49	49	6	18	-	1	-	1	-	1	-	-	6	6	-	
Peckham WW	-	88,242	50	50	13	5	-	-	-	-	-	-	-	-	1	3	-	
St. George Camberwell	-	67,029	49	17	1	4	-	1	-	1	-	-	-	-	-	-	-	
Deptford North	-	36,152	22	12	3	3	-	-	-	-	-	-	-	-	-	-	1	
Deptford Central w	-	45,441	46	17	6	3	-	3	-	6	-	-	1	-	-	2	2	
Deptford South	-	33,402	24	12	4	2	-	-	-	-	-	-	-	-	-	1	-	
Greenwich West H	-	23,012	13	4	1	2	-	-	-	-	-	-	-	-	-	-	-	
Greenwich East WH	-	37,767	26	19	2	6	-	-	-	-	2	-	-	-	1	-	1	
Eltham wH	-	5,911	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
Lee H	-	24,222	9	6	3	3	-	-	-	-	-	-	-	-	-	-	-	
Lewisham WwH	-	38,139	23	27	4	8	-	-	1	6	-	-	2	-	1	2	1	
Sydenham H	-	37,601	22	9	6	-	-	-	-	-	-	-	-	-	-	-	-	
Charlton wHH	-	15,928	9	4	1	-	-	-	2	2	-	-	-	-	-	-	-	
Woolwich Dockyard	-	19,355	6	4	2	-	-	-	-	-	-	-	-	-	1	-	-	
Woolwich Arsenal HHHH	-	21,959	17	5	1	1	-	-	-	-	-	-	-	-	-	-	-	
Plumstead West H	-	16,714	10	7	2	2	-	-	-	-	-	-	-	-	-	-	-	
Plumstead East WH	-	42,538	42	11	1	4	-	-	-	-	-	-	-	-	1	1	1	
Banstead Asylum	-	-	-	5	-	2	-	-	-	-	-	-	-	-	-	-	-	
Horton Asylum, Epsom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Caterham Asylum	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cane Hill Asylum	-	-	-	11	-	4	-	-	-	-	-	-	-	-	-	-	-	
Hospital Ships and Camp, Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Darenth Asylum	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
London County Asylum Dartford	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Heath	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hanwell Asylum	-	-	-	5	-	3	-	-	-	-	-	-	-	-	-	-	-	
Colney Hatch Asylum	-	-	-	7	-	3	-	-	-	-	-	-	-	-	-	-	-	
N.E. Hospital	-	-	-	5	-	-	-	5	-	-	-	-	-	-	-	-	-	
Winchmore Hill Hospital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Leavesden Asylum	-	-	-	4	-	1	-	-	-	-	-	1	-	-	-	-	-	
Claybury Asylum	-	-	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-	



LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE HOSPITALS, and ASYLUMS).—AREA: POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 25th November, 1899.

REGISTRATION SUB-DISTRICTS	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
					Deaths of		Deaths from										
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Liquor Cases.	Deaths in Public Institutions.	Uncertified Causes of Death
ON—OUTER RING	368,749	1,422,063	1098	538	164	117	-	5	1	18	5	5	7	20	41	63	4
Marshallington H	12,228	26,108	19	9	2	-	-	1	-	2	-	-	-	-	1	3	-
Osmon, part of* WwHH	10,423	12,508	15	3	-	2	-	-	-	-	-	-	-	-	-	-	-
Redstone, part of* W	2,754	1,598	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Royston WwHHH	20,851	128,899	96	40	13	8	-	-	-	-	3	-	2	-	4	3	1
Statham w	11,897	23,072	11	5	3	-	-	-	-	-	-	-	-	-	-	-	-
Stamford HHH	3,220	25,777	22	6	4	1	-	-	-	-	-	-	-	-	-	-	-
Stamford WH	14,672	39,586	12	8	3	1	-	-	-	1	-	-	-	-	1	1	-
Stamford H	-	12,173	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Stamford, part of* HH	-	11,080	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford HL	4,565	18,252	14	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford WH	2,160	25,389	9	11	2	5	-	1	-	-	-	-	-	-	-	-	-
Stamford H	2,823	16,159	13	6	4	2	-	-	-	-	-	-	1	-	1	3	-
Stamford HHH	9,127	23,815	22	5	2	1	-	-	-	-	-	-	-	-	-	1	-
Stamford H	6,542	21,969	9	5	2	1	-	-	-	-	-	-	-	-	-	-	-
Stamford, part of* WHH	14,307	20,372	11	10	1	1	-	-	-	-	-	-	-	2	2	4	-
Stamford HHH	12,540	30,590	19	12	4	4	-	-	-	-	-	-	-	-	-	-	-
Stamford WH, part of*	-	-	-	2	1	-	-	-	-	1	-	-	-	-	-	2	-
Stamford W	11,054	13,671	5	5	1	-	-	-	-	-	-	-	-	-	-	-	-
Stamford WH	13,277	13,221	11	4	2	1	-	-	-	-	-	-	-	-	1	-	1
Stamford WHH	6,035	12,237	9	3	1	1	-	-	-	-	-	-	-	-	-	1	-
Stamford W	12,757	7,253	2	5	1	2	-	-	-	-	-	-	-	-	-	-	-
Stamford WH	7,952	11,051	8	3	-	1	-	-	-	-	-	-	-	-	-	-	-
Stamford WHH	6,967	26,004	14	9	-	3	-	-	-	-	-	-	-	-	-	2	-
Stamford HH	2,415	16,027	10	12	2	1	-	-	-	-	-	-	-	-	-	-	-
Stamford HHHH	4,318	37,777	20	10	2	2	-	-	-	1	-	-	-	-	-	1	-
Stamford W	1,245	21,963	16	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford WHH	6,132	30,945	34	7	2	3	-	-	-	-	-	1	-	-	-	-	-
Stamford HHH	13,809	15,715	8	6	-	3	-	-	-	-	-	-	-	-	-	-	-
Stamford HH	6,994	3,844	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford HHH	4,383	61,265	72	25	10	3	-	1	1	-	-	-	-	-	-	-	-
Stamford WH	8,382	15,843	15	11	6	3	-	-	-	-	-	-	-	-	-	-	-
Stamford Mimms HH	21,077	6,367	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Stamford WHH	4,688	14,152	7	8	2	2	-	-	-	-	-	-	-	-	-	-	-
Stamford HHH	-	25,820	23	5	2	1	-	-	-	-	-	-	-	-	-	-	-
Stamford HH	3,039	61,097	37	18	3	6	-	-	-	-	-	-	-	-	-	-	-
Stamford HH	4,642	97,174	39	36	11	10	-	-	-	-	-	-	-	-	-	-	-
Stamford WwW	7,489	36,351	28	16	5	4	-	1	-	-	-	-	-	-	-	-	-
Stamford WWHH	12,602	31,536	23	6	2	2	-	-	-	-	-	-	-	-	-	-	-
Stamford Abbey	11,017	6,066	1	3	-	2	-	-	-	-	-	-	-	-	-	-	-
Stamford H	8,480	9,620	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford, part of* W	3,306	582	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford H	9,331	7,737	6	2	-	2	-	-	-	-	-	-	-	-	-	-	-
Stamford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford H	-	38,612	28	18	6	2	-	-	-	-	-	-	-	-	-	-	-
Stamford HHH	-	53,030	63	37	16	4	-	1	-	-	-	-	-	-	-	-	-
Stamford Town H	-	54,750	45	22	8	2	-	-	-	1	-	-	-	-	-	-	-
Stamford Gate w	-	53,511	29	15	5	2	-	-	-	-	-	-	-	-	-	-	-
Stamford Ham WWH	-	32,713	50	21	9	2	-	-	-	1	-	-	-	-	-	-	-
Stamford WWHH	-	70,188	48	37	13	10	-	1	-	3	1	-	-	-	-	-	-
Stamford HHHH	-	57,330	59	33	10	7	-	-	-	4	-	-	-	-	-	-	-
Stamford, part of* HHHH	11,779	12,941	18	4	2	1	-	-	-	-	-	-	-	-	-	-	-
Stamford WH, part of*	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Stamford, part of* WH	6,556	4,324	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford H	8,493	10,913	17	4	1	2	-	-	-	-	-	-	-	-	-	-	-
Stamford Town, H	3,814	14,301	9	6	2	3	-	-	-	-	-	-	-	-	-	-	-
Stamford Fever Hospital,	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford County Asylum,	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford County Asylum,	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Stamford,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring  
 ws:—30: 3, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warrington  
 in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst  
 b-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping  
 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for  
 Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford and 187: 2, Epping sub-district

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 25th November, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include									
			From All Causes.	From Diseases in Cols. 3-14.		Deaths of		Deaths from							
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10	11.	12.	13.	14.	15.
GREATER LONDON	443,421	6,528,434	16·4	1·6	2054	495	494	-	49	14	61	21	34	17	8
INNER LONDON -	74,672	4,546,752	17·5	1·8	1526	331	377	-	44	13	43	16	29	10	6
OUTER RING -	368,749	1,981,682	13·9	1·1	523	164	117	-	5	1	18	5	5	7	2

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZY DISEASES.					
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.
EDINBURGH -	293,927	Nov. 25	134	87	15·2	-	-	1	2	2	
GLASGOW -	733,903	" 25	445	290	20·6	-	12	6	6	4	
DUBLIN -	349,594	" 25	193	220	32·8	-	38	1	2	-	
CALCUTTA -	466,460	Sept. 30	-	-	-	-	-	-	-	-	
BOMBAY -	821,764	Oct. 31	232	691	43·7	4	7	?	?	?	16
MADRAS -	452,518	" 20	420	377	43·3	1	3	?	?	?	9
PARIS -	2,511,629	Nov. 18	1036	813	16·8	-	3	1	4 <sup>a</sup>	-	1
BRUSSELS -	661,130	" 18	240	151	14·0	-	-	1	3 <sup>a</sup>	-	
AMSTERDAM -	517,595	" 11	291	123	12·3	-	-	1	1	1	
ROTTERDAM -	315,305	" 11	207	95	15·6	-	-	-	4	2	
THE HAGUE -	199,285	" 11	101	41	10·7	-	-	-	-	-	
COPENHAGEN -	349,000	" 18	165	123	18·4	-	-	2	3	2	
STOCKHOLM -	291,580	" 11	141	93	17·5	-	-	1	7 <sup>a</sup>	-	
CHRISTIANIA -	221,255	" 18	152	53	12·6	-	1	1	2	1	
ST. PETERSBURG -	1,132,677	" 11	670	465	21·4	5	21	9	29	5	
MOSCOW -	988,610	" 11	-	462	24·4	1	2	9	14	4	
BERLIN -	1,818,517	Oct. 7	-	-	-	-	-	-	-	-	
HAMBURG -	675,351	Nov. 18	-	230	15·4	-	-	1	3 <sup>a</sup>	2	
DRESDEN -	387,300	Oct. 21	-	136	17·8	-	6	-	-	2	
BRESLAU -	406,012	Nov. 18	-	164	21·1	-	2	-	2	2	
MUNICH -	445,000	" 18	-	172	20·1	-	-	-	2 <sup>a</sup>	-	
VIENNA -	1,623,134	" 11	832	558	17·8	-	9	5	11 <sup>a</sup>	1	
PRAGUE -	384,622	" 11	213	163	22·0	-	-	4	1	-	
BUDA-PESTH -	666,722	" 11	431	218	17·0	-	2	8	-	1	
TRIESTE -	166,599	" 4	103	102	32·0	-	1	4	5 <sup>a</sup>	-	
ROME -	508,779	Oct. 28	209	166	17·0	-	-	-	-	-	
TURIN (10 days) -	344,203	" 10	-	-	-	-	-	-	-	-	
VENICE -	172,288	Nov. 4	61	50	15·1	-	-	-	3 <sup>a</sup>	-	
CAIRO -	570,062	Oct. 21	440	319	29·1	-	2	-	6 <sup>a</sup>	-	
ALEXANDRIA -	319,766	" 21	213	154	25·0	-	-	-	2 <sup>a</sup>	-	
NEW YORK (including BROOKLYN) -	3,550,053	" 21	1711	1109	16·3	-	3	6	29	7	
PHILADELPHIA -	1,266,832	Nov. 4	-	381	15·7	-	-	2	27	4	

\* Including deaths from croup.

† Including 94 deaths from plague.

‡ Including 1 death from cholera.

§ Including 4 deaths from malarial fever.



1899.		Phases of the Moon.	Mean daily reading of the barometer reduced to 32° Fahrenheit.				Of the Air.				Of the Dew Point.				Degree of humidity (equals 100).		Of Radiation.		Of the Earth.				General Direction.		Pressure on the Square Foot.		Robertson's.		in a Gauge receiving surfaces above the Average of Ground.
MONTH AND DAY			High-est.	Low-est.	Daily Range.	Mean from Average value.	De- parture from Average value, 50 years.	Mean daily value.	Great- est.	Least.	Highest in Sun's Rays.	Lowest in Grass.	3 feet below the Surface.	A.M.	P.M.	Great- est.	Least.	Mean of 24 hourly obs.	Horizontal Movement on each Day.	Vertical Movement on each Day.	Miles.	in.	Miles.	in.					
NOVEMBER.																													
SUNDAY	- 19	Greatest Dec. N.	30 254	46 3	35 3	11 0	41 5	0	0	35 5	0	0	28 0	50 40	N. N. W. & S. W.	01	00	00	117	- 183	0 00	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
MONDAY	- 20	..	30 131	49 2	35 8	13 4	43 9	+ 1 8	41 1	2 8	42	20	27 4	50 15	S. W. & N. E.	1 3	00	00	225	- 76	0 00	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
TUESDAY	- 21	..	30 261	44 9	31 8	13 1	39 2	- 2 9	35 5	5 7	6 8	10	25 8	49 70	N. E. variable & S. W.	0 2	00	00	157	- 144	0 00	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
WEDNESDAY	- 22	..	30 289	49 7	44 5	5 2	47 9	+ 5 7	41 2	6 7	8 2	31	40 6	49 47	S. W. & N. W. S. W. & W.	1 4	00	01	255	- 45	0 00	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
THURSDAY	- 23	..	30 215	50 1	44 3	5 8	47 6	+ 5 5	40 6	7 0	7 8	42	39 0	49 23	S. W. & S. W. & W.	1 3	00	01	234	- 65	0 00	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
FRIDAY	- 24	..	30 100	50 6	45 4	5 2	48 9	+ 6 8	39 5	9 4	10 0	47	39 0	49 31	S. W. & S. W. & W.	2 9	00	02	328	+ 30	0 00	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
SATURDAY	- 25	Apogee Last Qr.	30 212	52 0	46 8	5 2	49 5	+ 7 5	44 3	5 2	6 0	44	43 8	49 35	S. W. & S. W. & W.	0 5	00	00	189	- 108	0 00	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
MEANS	-		30 206	49 0	40 6	8 4	45 5	+ 3 4	39 7	5 8	7 5	33	34 8	49 36	Variable	..	..	..	Sum 1505	Sum -591	Sum 0 00	Sum 0 00	Sum 0 00	Sum 0 00	Sum 0 00	Sum 0 00	Sum 0 00	Sum 0 00	
No. of Column	-		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	

GENERAL REMARKS.

Cloudy; slight fog in morning and at night. Gloomy in afternoon. Lunar halo observed between 9h. and 10h. P.M.

Cloudy, with fog and hoar frost in morning; generally overcast afterwards.

Fine, with hoar frost and slight fog in morning; cloudy afterwards, with slight fog at night. Faint solar halo seen shortly after 10h. A.M.

Generally overcast; slight fog.

Generally overcast till 8h. P.M.; very fine till 11h. P.M.; cloudy afterwards.

Cloudy generally.

Overcast throughout.

The results apply to the civil day, or from midnight to midnight.

The height of the cistern of the barometer is 133 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M. and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1875 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 6). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is derived from a discussion of the observations made at Greenwich during the 50 years ending 1886, and that of horizontal movement of the air from a discussion of the anemometer records for the 16 years ending 1871, in reading columns 9 and 24 it will be borne in mind that it indicates "higher," and "lower," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

28, derived from the Campbell-Stokes Sunshine Instrument, shows the aggregate duration of bright sunshine on each day.

The number in column 23, derived from the Campbell-Stokes Sunshine Instrument, shows the number of the thermometer decreased from 30° 39 in. at the beginning of the week to 30° 10 in. by noon on the 20th; increased to 30° 29 in. by 9h. A.M. on the 21st; decreased to 30° 24 in. by 4h. P.M. on the same day; increased to 30° 30 in. by 9h. P.M. on the 22nd; decreased to 30° 27 in. by 3h. P.M. on the 24th; and increased to 30° 27 in. by the end of the week.



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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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*General Register Office, Somerset House,  
December 4th, 1899.*

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 18·9 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Nov. 11.	Nov. 18.	Nov. 25.	Dec. 2.		Nov. 11.	Nov. 18.	Nov. 25.	Dec. 2.
33 Great Towns	18·0	17·3	19·3	18·9	Leicester - -	20·2	17·1	19·3	21·5
Birkenhead -	19·0	14·0	24·5	16·3	Liverpool - -	25·1	21·2	24·8	23·8
Birmingham -	19·4	18·0	24·0	19·1	London - - -	17·3	17·5	17·5	19·4
Blackburn -	24·3	22·4	21·6	14·3	Manchester - -	19·3	18·5	19·5	18·5
Bolton - - -	16·1	20·6	18·0	15·4	Newcastle-on-Tyne	16·6	15·3	19·2	19·6
Bradford - -	16·8	15·9	16·3	16·8	Norwich - - -	17·5	14·7	16·6	14·7
Brighton - -	14·0	15·7	20·3	22·9	Nottingham - -	18·3	19·6	19·8	16·1
Bristol - - -	24·9	15·9	20·0	18·0	Oldham - - -	19·7	13·1	18·0	18·7
Burnley - - -	16·1	11·5	18·9	15·2	Plymouth - - -	17·6	13·0	15·0	24·9
Cardiff - - -	16·6	12·6	15·2	16·3	Portsmouth - -	17·2	14·5	23·5	16·9
Croydon - - -	10·2	12·7	13·5	11·4	Preston - - -	18·6	25·3	29·7	19·9
Derby - - -	10·3	14·7	13·2	15·7	Salford - - -	19·4	16·5	24·6	21·3
Gateshead - -	15·7	19·1	18·1	15·2	Sheffield - - -	16·5	21·4	22·7	21·8
Halifax - - -	10·7	11·7	14·4	20·8	Sunderland - -	18·6	15·4	18·3	17·5
Huddersfield -	13·1	14·6	12·1	13·6	Swansea - - -	11·1	15·1	16·1	15·1
Hull - - - -	16·7	19·4	28·0	25·2	West Ham - - -	14·1	12·3	16·8	16·7
Leeds - - - -	20·2	17·5	20·9	14·4	Wolverhampton	20·0	14·7	20·0	14·1

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·3 in Preston, 1·4 in Birkenhead and in Sheffield, and 3·1 in Hull; from "*fever*," 1·1 in Birmingham and in Sunderland, and 1·5 in Nottingham; and from *diarrhoea*, 1·0 in Plymouth. In none of the thirty-three towns did the death-rate from *scarlet fever* or from *whooping-cough* reach 1·0 per 1000. The 121 deaths from *diphtheria* included 52 in London, 17 in Sheffield, 8 in Leeds, 7 in Liverpool, 6 in West Ham, 5 in Manchester, 4 in Salford, 3 in Preston, 3 in Portsmouth, and 3 in Cardiff. Fourteen deaths from *small-pox* were registered in Hull, but not one in any other of the thirty-three towns.

#### LONDON.

In LONDON† 2439 BIRTHS and 1695 DEATHS were registered. Allowing for increase of population, the births were 69 below, and the deaths 4 above, the average numbers in the corresponding weeks of the last ten

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 17·3, 17·5, and 17·5 in the preceding three weeks, rose last week to 19·4. During the four weeks ending on Saturday last the death-rate averaged 17·9 per 1000, being 1·3 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1695 deaths included 43 from measles, 8 from scarlet fever, 52 from diphtheria, 15 from whooping-cough, 26 from enteric fever, 7 from diarrhœa and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 151 deaths were referred to these diseases, being 45 below the corrected average weekly number.

The deaths from *measles*, which had been 42, 29, and 44 in the preceding three weeks, were 43 last week, the corrected average being 54; 7 cases belonged to Fulham, 5 to Islington, 5 to Battersea, and 5 to Wandsworth sanitary areas. The deaths from *scarlet fever*, which had been 14, 6, and 13 in the preceding three weeks, fell again last week to 8, and were 15 below the corrected average. The deaths from *diphtheria*, which had been 68, 56, and 43 in the preceding three weeks, rose again last week to 52, the corrected average being 51; 6 cases belonged to Camberwell, 5 to St. Pancras, 3 to Islington, 3 to Hackney, and 3 to Mile End Old Town sanitary areas. The deaths from *whooping-cough*, which had been 11, 9, and 16 in the preceding three weeks, were 15 last week, the corrected average being 34. The fatal cases of *enteric fever*, which had been 51, 55, and 29 in the preceding three weeks, further fell last week to 26, but were 8 above the corrected average; 3 cases belonged to Islington and 3 to Lambeth sanitary areas. The deaths from *diarrhœa*, which had been 13, 20, and 10 in the preceding three weeks, further fell last week to 7, and were 10 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 325, 324, and 350 in the preceding three weeks, further rose last week to 430, and were 10 above the corrected average. The deaths attributed directly to *influenza* numbered 17, having been 14, 18, and 12 in the preceding three weeks.

Different forms of violence caused 66 deaths, concerning all but 3 of which inquests were held. Of these 66 deaths, 9 were cases of suicide, and 1 of homicide, while the remaining 56 were attributed to accident or negligence. Four of these were referred to vehicles in the streets, 10 to burns and scalds, 1 to the effects of chloroform administered for surgical purposes, and 11 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 3445 cases of scarlet fever, 1735 of diphtheria, and 461 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 294 cases, against 328, 334, and 293; of diphtheria, 212 cases, against 218, 219, and 266; and of enteric fever, 69 cases, against 79, 73, and 54.

#### GREATER LONDON.

In Greater London 3,478 births and 2,203 deaths were registered, corresponding to annual rates of 27·8 and 17·6 per 1000 of the estimated population. In the Outer Ring 13 deaths from measles, 14 from diphtheria, 5 from whooping-cough, 12 from "fever," and 2 from diarrhœa were registered. Five deaths from measles, 9 from diphtheria, and 6 from "fever" occurred in West Ham District.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 30·20 inches, and that of the Thermometer 45°·3; the latter being 4°·2 above the week's average in the 50 years 1841-90. The direction of the wind was west south-westerly, the horizontal movement of the air being 19 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 8·2 hours; the measured rainfall amounted to 0·29 inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases, the diagnosis is found after sojourn in the Hospital to have been erroneous.



CITIES AND BOROUGHES.	POPULATION estimated middle of the Year 1899.*	Deaths during the Week ending 2nd Dec. 1899			Deaths from										Deaths of				Cols.	CITIES AND BOROUGHES.																										
		1.	BIRTHS, DEATHS.		4.	Persons aged 1 Year or more.	5.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes of Death.			Corresponding Week's Deaths.				Mean.	In Centi- metres.	Cols.																			
			2.	3.																	Infants under 1 Year of Age.	Persons aged and upwards.	6.	7.				8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	Fahrenh.	Centigrade.	In Inches.	22.	23.	24.
33 TOWNS	11,404,408	6340	4135	968	983	14	110	34	121	60	79	32	155	330	988	48	13	17	21	56	28	46	8	0	20	0	33 TOWNS.																			
LONDON	4,546,762	2439	1895	388	446	-	43	8	52	15	26	7	66	155	532	13	1	19	17	54	28	45	7	0	0	0	LONDON.																			
WEST HAM	300,241	183	96	27	14	-	5	-	6	3	4	1	-	1	17	1	-	3	3	54	28	45	7	0	0	0	WEST HAM.																			
CROYDON	127,769	68	28	5	12	-	-	-	-	-	-	-	-	1	11	-	-	11	11	55	28	44	6	0	0	0	CROYDON.																			
BRIGHTON	128,226	65	54	8	18	-	-	-	-	-	-	-	-	1	12	-	-	12	12	54	30	47	8	0	0	0	BRIGHTON.																			
PORTSMOUTH	190,741	85	62	14	16	-	1	-	3	2	-	-	5	8	12	1	-	16	16	54	30	47	8	0	0	0	PORTSMOUTH.																			
PLYMOUTH	100,637	58	48	14	17	-	-	-	-	-	-	2	-	2	6	-	-	10	10	55	34	47	8	0	0	0	PLYMOUTH.																			
BRISTOL	320,911	206	111	23	36	-	-	1	-	1	1	-	3	10	19	-	-	18	18	55	34	47	8	0	0	0	BRISTOL.																			
CARDIFF	188,828	109	58	20	7	-	-	-	3	3	-	-	2	4	9	-	-	16	16	55	34	47	8	0	0	0	CARDIFF.																			
SWANSEA	103,722	44	30	5	5	-	1	-	1	-	-	-	4	5	7	-	-	15	15	55	34	47	8	0	0	0	SWANSEA.																			
WOLVERHAMPTON	88,821	53	24	5	8	-	-	-	-	1	-	1	1	3	7	-	-	14	14	55	31	45	7	0	0	0	WOLVERHAMPTON.																			
BIRMINGHAM	514,956	332	189	47	44	-	4	-	2	5	11	3	7	8	28	4	-	19	19	55	31	45	7	0	0	0	BIRMINGHAM.																			
NORWICH	113,266	66	32	5	11	-	-	-	-	2	-	-	-	2	2	-	-	14	14	55	31	45	7	0	0	0	NORWICH.																			
LEICESTER	213,851	103	88	31	16	-	1	1	2	2	-	3	-	3	6	1	-	21	21	55	31	45	7	0	0	0	LEICESTER.																			
NOTTINGHAM	239,384	119	74	22	16	-	2	1	1	-	7	-	1	3	13	-	-	16	16	55	31	45	7	0	0	0	NOTTINGHAM.																			
DERBY	106,401	45	32	9	13	-	-	-	-	-	-	-	-	1	4	-	-	15	15	55	31	45	7	0	0	0	DERBY.																			
BIRKENHEAD	115,162	61	36	9	6	-	3	-	-	-	1	-	-	3	7	-	-	16	16	55	31	45	7	0	0	0	BIRKENHEAD.																			
LIVERPOOL	634,212	445	290	60	55	-	5	4	7	10	7	3	17	22	97	7	-	23	23	55	32	46	8	0	0	0	LIVERPOOL.																			
BOLTON	162,221	84	48	12	12	-	-	-	-	1	-	-	1	2	5	1	-	15	15	54	32	46	8	0	0	0	BOLTON.																			
MANCHESTER	543,402	328	193	50	32	-	3	3	5	3	2	3	12	19	40	1	-	18	18	54	32	46	8	0	0	0	MANCHESTER.																			
SALFORD	218,244	112	89	24	18	-	3	3	4	3	1	1	5	13	17	1	-	21	21	54	32	46	8	0	0	0	SALFORD.																			
OLDHAM	150,772	89	54	9	11	-	-	-	-	-	1	1	4	6	8	2	-	15	15	54	32	46	8	0	0	0	OLDHAM.																			
BURNLEY	113,081	33	33	10	2	-	2	2	1	-	-	-	-	2	3	1	-	14	14	54	32	46	8	0	0	0	BURNLEY.																			
BLACKBURN	135,154	63	37	8	9	-	-	-	1	1	-	1	1	2	3	4	-	14	14	54	32	46	8	0	0	0	BLACKBURN.																			
PRESTON	117,622	58	45	8	12	-	3	1	3	-	-	2	-	-	4	-	-	19	19	54	32	46	8	0	0	0	PRESTON.																			
HUDDESFIELD	103,464	55	27	7	11	-	-	-	-	-	1	-	1	2	3	-	-	13	13	54	32	46	8	0	0	0	HUDDESFIELD.																			
HALEFAX†	97,721	41	39	7	11	-	1	-	-	-	1	-	1	1	5	3	-	20	20	54	32	46	8	0	0	0	HALEFAX†.																			
BRADFORD†	236,241	108	76	8	13	-	3	1	1	1	-	1	2	7	11	1	-	16	16	54	32	46	8	0	0	0	BRADFORD†.																			
LEEDS	423,889	233	117	29	33	-	3	1	1	3	3	-	1	15	17	1	-	14	14	54	32	46	8	0	0	0	LEEDS.																			
SHEFFIELD	361,169	238	151	37	31	-	10	3	17	1	6	1	5	6	29	5	-	21	21	54	32	46	8	0	0	0	SHEFFIELD.																			
HULL	294,270	140	113	26	14	14	14	3	1	-	2	-	5	6	28	1	-	17	17	54	32	46	8	0	0	0	HULL.																			
SUNDERLAND	145,613	90	49	14	9	-	-	-	-	-	3	-	3	6	10	1	-	15	15	54	32	46	8	0	0	0	SUNDERLAND.																			
GATESHEAD	106,552	74	31	6	4	-	1	-	-	1	-	-	-	1	1	-	-	15	15	54	32	46	8	0	0	0	GATESHEAD.																			
NEWCASTLE	228,425	135	86	21	15	-	4	2	-	4	-	1	6	10	16	-	-	19	19	54	32	46	8	0	0	0	NEWCASTLE.																			

See note \* on first page of this return.

See note \* on first page of this return.

TABLE 2. LONDON.—Births and Deaths Registered in the FORTY-EIGHTH Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2321	1980	2180	2381	2405	2550	2159	2530	2459	2575	2508.3	2439
Males	1202	1009	1284	1237	1199	1230	1081	1324	1253	1378	1234.4	1211
Females	1119	971	1216	1144	1206	1270	1078	1206	1206	1217	1223.9	1180
<b>TOTAL Deaths</b>	1448	1527	1715	1451	2235	1347	1455	1598	1725	1569	1690.0	1695
Males	729	767	850	735	1150	700	745	846	836	797	853.1	879
Females	719	760	865	716	1085	647	710	750	889	772	836.5	816

\* The numbers in this column are the average weekly numbers in the forty-eighth week of the ten years 1889-98, raised by 5.215 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Sept. 9.	Sept. 16.	Sept. 23.	Sept. 30.	Oct. 7.	Oct. 14.	Oct. 21.	Oct. 28.	Nov. 4.	Nov. 11.	Nov. 18.	Nov. 25.	Dec. 2.
<b>TOTAL Births</b>	2442	2675	2531	2399	2540	2549	2529	2495	2613	2711	2674	2556	2439
<b>TOTAL Deaths</b>	1934	1643	1649	1456	1564	1637	1567	1844	1628	1506	1528	1536	1695
<b>Deaths from—</b>													
Under 1 year	744	572	502	379	359	333	318	376	352	334	355	331	388
1-5 years	250	187	188	159	172	182	159	203	187	215	180	226	209
5-20 "	75	80	106	80	86	89	92	118	86	116	93	94	74
20-40 "	215	201	204	173	219	238	222	269	206	218	214	193	227
40-60 "	313	232	309	330	339	330	342	391	363	280	318	305	351
60-80 "	267	259	269	280	316	378	352	391	339	274	300	312	349
80 years and upwards	70	62	71	55	73	87	82	96	83	69	68	65	97
<b>Deaths from—</b>													
Small pox	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	33	17	17	15	21	20	26	34	33	42	29	44	43
Scarlet Fever	5	2	8	9	7	9	6	14	7	14	6	13	8
Diphtheria	24	22	42	44	55	56	60	59	39	68	56	43	52
Whooping-cough	25	16	19	23	10	10	6	10	14	11	9	16	15
Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever	12	18	24	19	19	21	15	40	29	51	55	29	26
Simple Continued Fever	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery	322	233	162	81	53	49	25	17	22	13	20	10	7
Cholera	8	9	6	2	2	-	-	1	1	-	-	-	-
<b>All the above Diseases</b>	429	317	278	193	167	165	133	175	145	199	175	155	151
<b>Dis. of Respiratory System—</b>													
Phtisis	170	133	138	156	215	275	306	477	418	325	324	350	430
Dis. of Circulatory System—	167	183	139	157	173	180	203	203	157	133	141	153	177
Violence	132	110	134	124	167	170	139	173	122	107	148	141	143
Inquest Cases	65	62	71	57	71	75	79	83	54	75	57	61	66
Deaths in Public Institutions—	160	145	147	135	148	144	153	185	122	144	134	154	155
559	464	482	481	501	541	558	577	507	509	494	485	532	
<b>TEMPERATURE OF THE AIR.</b>													
Mean	55.6	57.5	54.6	52.1	49.3	47.3	47.4	51.8	53.2	50.9	48.9	45.5	45.3
Mean of Highest readings	76.5	67.0	63.5	61.0	56.6	58.9	56.6	57.4	59.1	56.2	51.3	49.0	50.5
Mean of Lowest readings	55.2	48.8	48.2	45.5	42.6	36.2	39.4	45.9	47.1	45.4	39.9	40.6	39.4
<b>Humidity of the Air</b>	70	73	68	76	86	82	82	90	83	78	84	80	82
<b>Rain-fall (in inches)</b>	0.54	0.27	0.36	1.01	0.50	0.12	0.00	1.30	1.81	2.33	0.00	0.00	0.29
<b>Registered Sunshine (in hours)</b>	47.5	23.5	38.3	32.5	12.2	33.9	43.3	7.8	22.5	20.9	8.4	0.0	8.2
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox	-	-	-	-	-	-	-	-	-	-	1	1	1
Scarlet Fever	2549	2640	2758	2836	3003	3217	3408	3504	3539	3564	3578	3503	3445
Diphtheria	1461	1486	1474	1487	1519	1595	1659	1700	1715	1692	1736	1761	1735
Enteric Fever	224	228	235	252	275	308	331	342	407	426	443	448	461

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—B. H. Munby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cunn Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak Hall.

Deaths from Different Causes.

\* The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.  
† Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."  
‡ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered in SUB-DISTRICT during the Week ending Saturday, 2nd December, 1899.

REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1896.	Total Births.	Total Deaths.	The DEATHS registered during the Week include													
				Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from											
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON	4,411,710	2,439	1,695	88	446	-	43	8	52	15	-	26	-	7	66	155	532
WEST DISTRICTS	778,251	348	279	68	86	-	11	2	4	4	-	4	-	2	16	24	102
NORTH DISTRICTS	1,040,694	501	370	59	114	-	5	3	14	4	-	5	-	-	17	36	121
CENTRAL DISTRICTS	233,635	129	84	22	17	-	1	-	5	-	-	1	-	-	1	6	31
EAST DISTRICTS	716,334	499	352	87	78	-	9	-	6	5	-	7	-	3	13	40	111
SOUTH DISTRICTS	1,642,796	962	574	152	134	-	17	2	23	25	-	9	-	2	19	49	181
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*	-	-	36	-	17	-	-	1	-	-	-	-	-	-	-	-	36
WEST DISTRICTS.																	
St. Mary Paddington } G. & W.	90,996	41	29	8	13	-	-	-	-	-	-	-	-	-	1	1	6
WHH																	
St. John Paddington } H - G.	33,510	6	9	-	1	-	-	-	-	-	-	-	-	-	3	3	5
Kensington Town } W -	122,164	50	52	5	22	-	-	-	-	-	-	1	-	-	1	2	26
Brompton } HH - W. & C.	48,301	10	14	1	9	-	-	-	-	-	-	-	-	-	1	2	5
North Hammersmith } H } W. & G. {	44,693	32	18	9	6	-	-	-	-	-	-	-	-	-	-	1	4
South Hammersmith } H } W. & C. {	59,561	24	15	4	4	-	-	1	-	-	-	-	-	-	1	4	4
Fulham } W -	113,781	86	52	21	3	-	8	1	4	3	-	2	-	2	2	2	14
Chelsea Kensal Town } - C.	21,450	11	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Chelsea North } WHHHH } - C.	42,057	13	21	2	12	-	-	-	-	-	-	-	-	-	1	-	14
Chelsea South } HH } - C.	33,139	18	8	1	2	-	1	-	-	-	-	-	-	-	1	1	2
May Fair } W -	23,827	3	9	1	5	-	-	-	-	-	-	-	-	-	-	2	7
Belgrave } WHHH } - C.	56,140	16	24	5	5	-	-	-	-	-	-	1	-	-	4	4	12
St. John Westminster } HH } - C.	31,492	14	11	5	2	-	1	-	-	1	-	-	-	-	1	1	-
St. Margaret Westminster } H- C.	22,097	7	8	2	1	-	-	-	-	-	-	-	-	-	1	1	5
St. James Westminster } } N. & G.	23,050	11	3	1	-	-	1	-	-	-	-	-	-	-	-	-	-
WH																	
St. Anne Soho } HHHHH } - N.	12,048	6	3	1	1	-	-	-	-	-	-	-	-	-	-	-	2
NORTH DISTRICTS.																	
All Souls Marylebone } - W.	36,595	14	15	1	5	-	-	-	-	-	-	-	-	-	-	-	8
HHHHHHHHH																	
Rectory Marylebone } W } G. & W.	19,798	9	8	1	3	-	-	-	-	-	-	-	-	-	1	1	-
St. Mary Marylebone } } G. & W.	19,637	23	4	1	2	-	-	-	-	-	-	-	-	-	-	2	-
HHHH																	
Christchurch Marylebone } H - W	32,547	19	7	1	3	-	-	-	-	-	-	-	-	-	-	2	-
St. John Marylebone } HH - W.	32,611	16	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Hampstead } } - N. & W.	75,449	35	30	8	4	-	-	3	7	-	-	2	-	-	2	3	15
WvHHHH																	
Regent's Park Pancras } HH - W.	37,341	13	10	1	3	-	-	-	-	-	-	-	-	-	-	1	-
Tottenham-court } - N. & W.	26,757	19	20	5	1	-	-	-	-	-	-	-	-	-	1	2	10
WvHHHH																	
Gray's Inn Lane } HHHH } - N.	29,426	13	14	2	2	-	-	-	-	-	-	1	-	-	1	2	6
Somers Town } HH -	32,161	17	13	1	4	-	-	-	-	-	-	-	-	-	-	1	1
Camden Town } WH -	16,669	7	10	1	6	-	-	-	-	-	-	-	-	-	1	2	8
Kentish Town } WW - N.	98,410	39	39	5	11	-	-	-	-	-	-	-	-	-	3	3	12
Upper Holloway } } - N.	98,273	39	50	1	18	-	2	-	-	1	-	-	-	-	4	5	35
WvWWWvHH																	
Islington South-west } H - N.	107,365	40	27	9	7	-	3	-	-	-	-	-	-	-	1	2	-
Islington South-east } - N.	66,549	34	22	5	10	-	-	-	-	-	-	-	-	-	-	-	-
Highbury } HH -	64,577	32	21	4	6	-	-	-	-	-	-	-	-	-	-	-	1
Stoke Newington } H - N.	33,485	12	6	1	3	-	-	-	-	-	-	-	-	-	-	-	-
North Hackney } - E. & N.		21	12	1	5	-	-	-	-	1	-	-	-	-	-	2	-
Central Hackney } vv - E. & N.		31	10	3	3	-	-	-	5	-	-	1	-	-	-	1	6
South-west Hackney } HHH E. & N.	219,044	34	25	2	10	-	-	-	1	-	-	1	-	-	5	6	8
South-east Hackney } WvHH E. & N.		31	23	4	8	-	-	-	1	2	-	-	-	-	1	1	11

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there: namely: W—Workhouse belonging to the District or Union; n—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which patients received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G, signifying Grand Junction Company; W, West Middlesex; C, Chelsea; S, Southwark and Vauxhall; L, Lambeth; N, New River; E, East London; and K, the Kent Company.

\* See note † on first page of this Return.

† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899 and were re-named North Hammersmith and South Hammersmith, respectively.

5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, ARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each B-DISTRICT during the Week ending Saturday, 2nd December, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation. 1896.	Total Births.	Total Deaths	The DEATHS registered during the Week include																	
				Deaths of		Deaths from													Inquest Cases	Deaths in Public Institutions	Uncertified Causes of Death.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhea.	Violence						
CENTRAL DISTRICTS.																					
Asbury and St. Giles } - N.	29,086	16	9	1	2	-	1	-	-	-	-	-	-	-	-	-	1	3	-		
th* WH- - - - N.	3,151	6	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
les North H - - - N.																					
artin-in-the-Fields HHN. & C.	13,077	3	10	-	2	-	-	-	-	-	-	-	-	-	-	-	-	6	-		
d WHH - - - - N.	11,839	6	11	4	-	-	-	-	-	1	-	-	-	-	-	-	-	8	-		
nd Union Workhouse, Edmonton	11,037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
orn v HHHHHH - - N.	31,042	11	7	2	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
mes Clerkenwell - - N.	15,777	14	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
ell Clerkenwell - - N.	34,356	20	7	3	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
oll-street - - - - N.	16,069	11	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
road HHHL - - - - N.	29,597	29	9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-		
ross-street - - - - N.	7,595	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ury - - - - N.	4,035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
rn Union - - - Workhouse, }	1,892	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
cham - - - - }																					
otolphi HH - - N. & E.	9,762	2	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
legate - - - - N.	3,299	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-		
spulchre WH - - - N.	9,591	6	13	1	2	-	-	-	-	-	-	1	-	-	-	-	-	11	-		
allows Barking - - - N.	9,059	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-		
f London Asylum, Stone - -	1,388	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
EAST DISTRICTS.																					
editch South H - - E. & N.	17,975	11	3	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-		
on New Town w - - - N.	29,575	11	10	2	5	-	-	-	-	-	-	-	-	-	-	-	-	5	-		
on Old Town - - - - N.	27,645	12	11	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-		
erston WH - - - N. & E.	47,163	38	21	5	5	-	1	-	-	1	-	-	-	-	-	-	1	10	-		
nal Green North H - - E.	49,301	41	20	5	2	-	1	-	-	-	-	1	-	-	-	1	1	-	-		
nal Green South - - E.	34,194	27	15	5	2	-	1	-	-	-	-	-	-	-	-	1	-	-	-		
nal Green East WH - - E.	45,667	22	31	9	5	-	-	-	-	-	-	-	-	-	-	-	2	13	-		
alfields - - - - E. & N.	26,681	22	7	-	4	-	-	-	-	-	-	-	-	-	1	-	2	-	-		
End New Town\$ WH - - E.	51,995	37	43	8	5	-	2	-	-	-	-	1	-	-	-	3	7	39	-		
lman's Fields\$ - - - E.		7	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
George, North - - - E.	39,576	32	10	6	1	-	-	-	-	-	1	-	-	-	-	-	-	4	-		
ohn, St. George East W E.	7,930	3	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
llwell H - - - - E. & N.	10,434	6	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-		
liff W - - - - E.	14,954	11	9	4	1	-	-	-	-	-	-	1	-	-	-	-	-	2	-		
ehouse - - - - E.	32,917	20	15	2	2	-	-	-	-	-	1	-	-	-	-	-	5	-	-		
End Old Town West H E.	111,060	56	16	6	2	-	1	-	1	-	-	-	-	-	-	1	1	-	-		
End Old Town East } - E.		47	36	4	13	-	1	-	1	-	-	1	-	-	-	-	1	13	-		
Www																					
l - - - - E.	41,687	28	14	7	1	-	2	-	-	-	1	-	-	-	1	1	2	1	-		
lley wwwH - - - E.	69,821	44	48	7	16	-	-	-	-	1	-	2	-	-	1	4	8	23	-		
lar WW - - - - E.	57,759	24	26	8	10	-	-	-	-	1	1	-	-	-	-	2	5	-	-		

The Sub-Districts of St. George Bloomsbury and St. Giles South were united on 1st November 1899, and re-named Bloomsbury and St. Giles South.

† Population in 1891, not included in the total population of the Central Districts or of London.

‡ The Sub-Districts of St. Botolph and Broad Street were united on 1st September 1899.

Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 2nd December, 1899—continued.

						The DEATHS registered during the Week include														
REGISTRATIONSUB-DISTRICTS						Deaths of														
Enu- rated Popu- lation, 1896.						Deaths from														
						Total Births.	Total Deaths.	Infants under 1 Year of Age.	Persons aged 10 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.	Inquest Cases.
SOUTH DISTRICTS.																				
Christchurch Southwark	WHL & S.				13,064	8	3	2	2	1	-	-	-	-	-	-	-	-	-	-
St. Saviour Southwark	- S.				12,301	8	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Kent-road	- S. & L.				22,879	17	14	4	-	-	-	2	-	-	-	-	-	-	1	2
Borough-road	WH - S. & L.				16,838	12	7	3	1	-	-	-	1	-	-	-	-	-	-	4
London-road	HL - L. & S.				21,316	10	9	3	2	-	-	-	-	-	-	-	-	-	-	2
Trinity Newington	- S. & L.				28,723	13	10	5	-	-	-	-	-	-	-	1	-	-	-	3
St. Peter Walworth	W - S. & L.				62,045	45	14	4	4	-	1	-	-	-	-	-	-	-	1	-
St. Mary Newington	- L. & S.				30,171	20	9	4	1	-	-	-	-	-	-	-	-	-	-	-
St. Olave	WH - - - S.				11,731	5	12	2	2	-	-	-	-	-	-	1	-	-	-	1
Bermondsey	W - - - S.				85,475	65	25	12	4	-	1	-	-	-	-	-	-	-	-	3
Rotherhithe	Ww - - - S. & K.				40,379	34	24	3	9	-	-	-	1	-	-	-	-	-	-	-
Waterloo-road	HH - L. & S.				23,396	38	8	2	2	-	1	-	-	-	-	-	-	-	-	1
Lambeth Church 1st	H - L. & S.				18,770	11	15	2	-	-	-	-	-	-	-	1	-	-	-	2
Lambeth Church 2nd	WW - L. & S.				40,994	28	18	3	6	-	-	-	-	-	-	-	1	-	-	1
Kennington 1st	H - S. & L.				52,486	36	15	8	2	-	-	-	1	-	-	-	-	-	-	-
Kennington 2nd	- S. & L.				43,244	18	11	-	6	-	-	-	-	-	-	-	-	-	-	-
Brixton	w - L. & S.				81,825	30	28	4	11	-	1	1	1	-	-	1	-	-	-	1
Norwood	WH - - - L.				29,318	11	2	-	1	-	-	-	-	-	-	-	-	-	-	-
East Battersea	- - - S.				71,730	29	21	8	4	-	-	-	-	-	-	-	-	-	-	3
West Battersea	WwH - - - S.				93,385	44	34	10	5	-	3	-	-	1	-	-	-	-	-	4
Clapham	H - - - S.				46,953	27	20	8	2	-	2	-	-	-	-	-	-	-	-	-
Wandsworth	WHHL - - - S.				58,101	44	13	5	2	-	1	-	-	-	-	-	-	-	-	1
Putney	- - - S.				20,566	7	4	1	2	-	-	-	-	4	-	-	-	-	-	-
Streatham	WwwwvL - - - L.				61,644	34	20	4	4	-	2	-	-	-	-	3	-	-	-	-
Dulwich	- - - L. & S.				7,519	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell	Wwll - - - S. & L.				90,286	47	51	7	18	-	-	-	-	-	-	-	-	1	2	5
Peckham	WW - S., L., & K.				88,242	55	23	6	9	-	-	-	1	-	-	-	-	-	-	1
St. George Camberwell	- L. & S.				67,029	43	19	7	4	-	2	-	-	-	-	-	-	-	-	-
Deptford North	- - - K.				36,152	28	10	4	2	-	-	-	-	1	-	-	-	-	-	-
Deptford Central	w - K.				45,441	24	22	4	4	-	-	-	-	-	-	1	-	-	2	2
Deptford South	- - - K.				33,402	13	6	1	3	-	-	-	-	-	-	1	-	-	-	1
Greenwich West	H - K.				23,012	12	4	-	-	-	-	-	-	-	-	-	-	-	1	1
Greenwich East	WH - K.				37,767	22	21	4	6	-	-	-	-	-	-	-	-	-	-	-
Eltham	wH - - - K.				5,911	6	2	-	2	-	-	-	-	-	-	-	-	-	-	-
Lee	H - - - K.				24,222	4	8	-	5	-	-	-	-	-	-	-	-	-	-	-
Lewisham	WwH - - - K.				38,139	31	21	4	3	-	-	1	6	-	-	-	-	-	3	3
Sydenham	H - - - L.				37,601	13	8	3	2	-	-	-	1	-	-	-	-	-	-	-
Charlton	wHH - - - K.				15,928	5	8	2	1	-	-	-	3	-	-	-	-	-	-	-
Woolwich Dockyard	- - - K.				19,355	14	9	2	2	-	-	-	-	-	-	-	-	-	-	-
Woolwich Arsenal	HHHH - K.				21,959	6	8	4	-	-	-	-	1	-	-	-	-	-	-	2
Plumstead West	H - K.				16,714	6	5	2	1	-	-	-	-	-	-	-	-	-	-	-
Plumstead East	WH - K.				42,538	33	11	3	1	-	-	-	-	-	-	-	-	-	-	1
Banstead Asylum	- - - -				-	-	4	-	2	-	-	-	-	-	-	-	-	-	-	-
Horton Asylum, Epsom	- - - -				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caterham Asylum	- - - -				-	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-
Cane Hill Asylum	- - - -				-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Hospital Ships and Camp, Dartford	- - - -				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Darenth Asylum	- - - -				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London County Asylum, Dartford	- - - -				-	-	4	-	1	-	-	-	-	-	-	-	-	-	-	-
Heath	- - - -				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hanwell Asylum	- - - -				-	-	9	-	4	-	-	-	-	-	-	-	-	-	-	-
Colney Hatch Asylum	- - - -				-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
N.E. Hospital	- - - -				-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-
Winchmore Hill Hospital	- - - -				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leavesden Asylum	- - - -				-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Claybury Asylum	- - - -				-	-	5	-	3	-	-	-	-	-	-	-	-	-	-	-



6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE, HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 2nd December, 1899.

REGISTRATION SUB-DISTRICTS	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													
					Deaths of		Deaths from											
					Infants under Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes of Death.	
W DON—OUTER RING	363,749	1,422,063	1039	508	133	143	-	13	-	14	5	12	2	10	26	64	2	
Carshalton H	12,228	26,108	12	4	2	-	-	-	-	-	-	-	-	-	-	-	-	
Epsom, part of* WWH	10,423	12,508	5	4	1	2	-	-	-	-	-	-	-	1	1	2	-	
Godstone, part of* W	2,754	1,598	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Croydon WWHH	20,851	128,699	74	34	6	15	-	-	-	-	-	1	-	-	1	12	-	
Mitcham W	11,697	23,072	12	5	-	3	-	-	-	-	-	-	-	-	-	-	-	
Wimbledon HHH	3,220	25,777	12	4	-	2	-	-	-	-	-	-	-	-	-	-	-	
Kingston WH	-	33,566	20	14	2	8	-	-	-	-	-	-	-	-	-	5	-	
Surbiton H-	14,672	12,178	3	2	-	-	-	-	-	-	-	1	-	-	-	-	-	
Esher, part of* HH	-	11,080	5	6	1	2	-	-	-	-	-	-	-	-	1	-	1	
Hampton HL	4,565	18,252	14	5	1	2	-	-	-	-	-	-	-	-	-	-	-	
Richmond WH	2,160	25,339	10	10	3	4	-	1	-	-	-	-	-	2	2	4	-	
Mortlake H	2,823	16,159	10	5	1	3	-	-	-	-	-	-	-	-	-	-	-	
Bromley HHH	9,127	23,315	13	4	3	-	-	-	-	-	-	-	-	-	-	-	-	
Beckenham H	6,542	21,969	9	8	2	2	-	-	-	-	-	-	-	1	1	1	-	
Chislehurst, part of* WWH	14,307	20,372	7	4	1	1	-	-	-	-	-	-	-	-	1	-	-	
Bexley HHH	12,540	30,590	20	12	4	4	-	-	-	1	-	-	-	-	-	-	-	
Dartford WH, part of*	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	2	-	
Sunbury W	11,054	13,671	10	4	1	3	-	-	-	-	-	-	-	-	-	-	-	
Staines WH	13,277	13,221	10	8	1	4	-	-	-	-	-	-	-	-	-	2	-	
Hillingdon WHH	6,035	12,237	9	3	1	1	-	-	-	-	-	-	-	-	-	-	-	
Uxbridge	12,757	7,253	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hayes WH	7,952	11,051	9	5	2	2	-	-	-	-	-	-	-	-	-	-	-	
Isleworth WHH	6,967	26,004	15	16	1	6	-	-	-	-	-	1	-	1	3	6	-	
Twickenham HH	2,415	16,027	5	5	1	1	-	-	-	-	-	-	-	-	-	-	-	
Brentford HHHH	4,318	37,777	12	7	-	4	-	1	-	-	-	1	-	-	-	-	-	
Chiswick	1,245	21,963	9	8	1	-	-	-	-	-	-	-	-	-	1	-	-	
Acton WHH	6,132	30,945	17	5	2	1	-	1	-	-	-	-	-	-	-	-	-	
Harrow HHH	13,809	15,715	10	5	1	1	-	-	-	-	-	-	-	1	1	-	-	
Edgware HH	6,994	3,844	2	1	-	-	-	-	-	1	-	-	-	-	-	-	-	
Willesden HHH	4,383	61,265	54	26	12	3	-	-	-	2	1	-	-	-	-	-	-	
Hendon WH	8,382	15,843	12	9	1	2	-	2	-	-	-	-	-	1	1	2	-	
South Mimms HH	-	6,367	1	1	1	-	-	-	-	-	-	-	-	-	1	-	-	
Barnet WHH	21,077	14,152	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finchley HHH	4,688	25,820	8	7	2	3	-	-	-	-	-	-	-	1	1	-	-	
Hornsey HH	3,039	61,097	23	16	3	7	-	-	-	-	-	-	-	-	1	-	-	
Tottenham HH	4,642	97,174	79	39	12	8	-	-	-	-	-	2	-	-	3	1	-	
Edmonton WWW	7,489	36,351	37	9	2	2	-	-	-	-	-	-	-	-	-	2	-	
Enfield WWHH	12,602	31,536	36	7	1	2	-	1	-	-	-	-	-	-	-	-	-	
Waltham Abbey	11,017	6,066	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cheshunt H	8,480	9,620	5	3	-	1	-	1	-	-	-	-	-	-	-	-	-	
Hatfield, part of* W	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bushey H	9,331	7,737	6	5	1	2	-	-	-	-	-	-	-	-	-	-	-	
Watford WH, part of*	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	
Stratford H	-	-	-	-	-	-	-	3	-	-	-	1	-	-	-	-	-	
Plaistow HHH	-	38,612	31	16	5	-	-	-	-	-	-	1	-	-	-	-	-	
Canning Town H	4,706	53,030	56	39	14	3	-	1	-	6	3	1	-	-	-	7	1	
Forest Gate W	-	54,750	38	16	4	1	-	1	-	1	-	-	-	1	-	1	-	
East Ham WHH	3,266	53,511	38	16	4	6	-	-	-	-	-	-	-	-	-	-	-	
Leyton WWWH	4,334	32,713	60	23	11	3	-	-	-	1	-	1	1	1	2	-	-	
Walthamstow HHHH	6,501	70,188	65	31	7	9	-	-	-	-	3	-	-	-	1	10	-	
Chigwell, part of* HHHH	11,779	57,330	91	27	7	10	-	-	-	1	-	-	-	-	-	-	-	
Epping WH, part of*	-	12,941	4	5	1	3	-	1	-	-	-	-	-	1	1	-	-	
Romford, part of* WH	6,556	4,324	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ilford	8,493	10,913	23	9	2	3	-	-	-	2	-	-	-	-	2	1	-	
Barking Town, H	3,814	14,301	18	5	5	-	-	-	-	-	-	-	-	-	-	-	-	
Middlesex County Asylum, Wandsworth.	-	-	-	3	-	1	-	-	-	-	-	-	-	-	-	3	-	

parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warrington and Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst district, except the parishes of Chislehurst, Cudham, and Knockholt (pop. 3,087); 135: 1, the parish of Northaw in sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping; 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Unidentified Causes, belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-district.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS a  
Rate of MORTALITY during the week ending Saturday, 2nd December, 1899.

GREATER LONDON	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include									
						Deaths of		Deaths from							
			From All Causes.	From Diseases in Cols. 3-14.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	
GREATER LONDON	443,421	6,528,434	17.6	1.6	2203	521	589	-	56	8	66	20	38	9	
INNER LONDON -	74,672	4,546,752	19.4	1.7	1695	388	446	-	43	8	52	15	26	7	
OUTER RING -	368,749	1,981,682	13.4	1.2	508	133	143	-	13	-	14	5	12	2	

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL DISEASES.					
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.
EDINBURGH -	298,927	Dec. 2	137	108	18.8	-	-	1	-	-	-
GLASGOW -	739,903	" 2	452	296	21.0	-	14	3	1	1	-
DUBLIN -	349,594	" 2	154	259	38.6	-	29	2	2	1	-
CALCUTTA -	466,460	Oct. 7	-	262	29.3	-	-	-	-	1	8
BOMBAY -	821,764	Nov. 7	158	731	46.3	3	7	?	?	?	18
MADRAS -	452,518	Oct. 27	411	356	40.9	-	3	?	?	?	7
PARIS -	2,511,629	Nov. 25	1112	886	18.3	-	2	3	3*	2	1
BRUSSELS -	561,130	" 25	203	146	13.5	-	-	1	1*	-	-
AMSTERDAM -	517,595	" 18	272	136	13.6	-	-	-	2	-	-
ROTTERDAM -	315,905	" 18	254	99	16.1	-	-	1	3	-	-
THE HAGUE -	199,285	" 18	104	53	13.8	-	1	2	-	3	-
COPENHAGEN -	349,000	" 25	208	113	16.9	-	-	1	1	2	-
STOCKHOLM -	291,580	" 18	146	73	13.0	-	-	-	3*	-	-
CHRISTIANIA -	221,255	" 25	162	66	15.5	-	1	2	2	1	-
ST. PETERSBURG	1,132,677	" 18	639	466	21.5	3	18	15	30	2	1
MOSCOW -	988,610	" 18	-	441	23.3	1	4	10	4	1	-
BERLIN -	1,818,517	" 11	892	568	16.1	-	2	16	14	9	-
HAMBURG -	675,351	" 25	-	171	13.2	-	-	2	2*	-	-
DRESDEN -	397,300	Oct. 28	-	-	-	-	-	-	-	-	-
BRESLAU -	406,012	Nov. 25	-	181	23.2	-	2	1	2	-	-
MUNICH -	445,000	" 25	-	173	20.2	-	-	1	2*	-	-
VIENNA -	1,623,134	" 13	-	-	-	-	-	-	-	-	-
PRAGUE -	384,622	" 18	171	144	19.4	-	-	1	6	3	-
BUDA-PESTH -	666,722	" 18	433	285	22.2	-	4	7	-	-	-
TRIESTE -	166,599	" 11	95	73	22.6	-	-	3	3*	-	-
ROME -	508,779	" 4	227	156	16.0	-	1	-	-	-	1
TURIN (10 days)	344,203	Oct. 10	-	-	-	-	-	-	-	-	-
VENICE -	172,288	Nov. 11	74	55	16.6	-	-	-	4*	-	-
CAIRO -	570,062	Oct. 28	453	302	27.5	-	3	-	4*	-	-
ALEXANDRIA -	319,766	" 23	199	144	23.4	-	-	-	2*	-	1
NEW YORK (including BROOKLYN)	3,550,053	" 28	1426	1130	16.6	-	8	4	29	9	2
PHILADELPHIA -	1,266,832	Nov. 11	-	314	12.9	-	-	4	26	-	-

\* Including deaths from croup.

† Including 23 deaths from plague in Calcutta, and 71 in Bombay.

‡ Including 8 deaths from cholera in Calcutta, and 1 in Bombay.

§ Including 4 deaths from malarial fever.

1899.

1899.	Phases of the Moon.	Mean daily reading of the reduced to Fahrenheit.	Of the Air.				Of the Dew point.	Degree of clearness (Scale 100).	Of Radiation.		Of the Earth 3 feet below the Surface.	General Direction.		Pressure on the Square Foot.		Robinson's.		Time when the Queset is received.								
			High-est.	Low-est.	Daily Range.	Mean daily value.			De-parture from 50 years.	Mean daily value.		Grat-est.	Least.	Highest in Sun's Ray's.	Lowest on Grass.	A.M.	P.M.		Grat-est.	Least.	Horizontal Movement of the Air on each Day.	Depar-ture from the Average of 16 years.				
NOVEMBER.																										
SUNDAY	- 26	In Equator	in. 30°254	52.2	45.0	7.2	48.0	+ 6.1	40.7	7.3	9.4	1.7	76	65.0	34.2	49.38	SW. & WSW.	WSW. & SW.	lbs. 1.6	0.0	Miles. 234	- 62	0.5			
MONDAY	- 27	"	" 30°234	54.4	45.1	9.3	50.7	+ 9.1	46.0	4.7	7.0	3.8	84	61.1	39.2	49.50	SW. & WSW.	WSW.	2.3	0.0	325	+ 29	1.5			
TUESDAY	- 28	"	" 30°305	53.0	43.7	9.3	48.4	+ 7.1	43.4	5.0	8.4	2.2	83	68.1	38.3	49.51	WSW.	WSW.	1.5	0.0	250	- 41	0.0			
WEDNESDAY	29	"	" 30°316	49.0	33.5	15.5	41.9	+ 0.9	37.0	4.9	11.1	0.0	83	49.2	28.5	49.52	WSW.	Variable	0.1	0.0	163	- 135	0.0			
THURSDAY -	30	"	" 30°149	45.8	28.9	16.9	38.5	- 2.2	36.2	2.3	4.2	0.0	92	45.8	22.8	49.32	SSW. & SW. calm.	ESE, SSE, & SSW.	0.2	0.0	109	- 190	0.0			
FRIDAY -	1	"	" 29°927	54.0	43.7	10.3	48.9	+ 8.3	43.1	5.8	7.2	2.9	80	76.1	41.3	49.00	SW. & WSW.	SW., NNW. & NW.	5.0	0.0	388	+ 88	0.0			
SATURDAY -	2	"	" 30°222	45.0	35.9	9.1	40.7	+ 0.1	34.3	6.4	9.5	1.9	78	54.0	28.4	48.76	NW. & WSW.	N. & WSW.	1.9	0.0	215	- 86	0.0			
MEANS	-		30°201	50.5	39.4	11.1	45.3	+ 4.2	40.1	5.2	8.1	1.8	82	59.9	33.2	49.28	WSW.	WSW.	..	..	Sum 1680	Sum -397	0.3			
No. of Column	-		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

GENERAL REMARKS.

Overcast in morning; fine and partially cloudy afterwards. Mild.

Cloudy. Very mild day.

Overcast in morning; very fine generally afterwards. Cloudless at night. Mild.

Cloudless in morning, with hoar frost and slight fog. Cloudy and foggy till afternoon; cloudless, with slight fog at night.

Dense fog prevalent till afternoon; over-cast afterwards. Hoar frost in morning.

Generally cloudy till 10h. P.M.; cloudless afterwards. Rain between 5h. and 9h. P.M. A mild day.

Fine, with small amounts of cloud generally. Slight hoar frost in morning.

DATE.	ELECTRICITY.	Registered Sunshine in hours.	Sun above Horizon in hours.	Sum of Col.
NOVEMBER.				
SUNDAY - 26	w. P. generally; m. P. in evening.	1.5	8.3	
MONDAY - 27	w. P. throughout	0.0	8.3	
TUESDAY - 28	w. P. throughout	3.8	8.2	
WEDNESDAY 29	w. P. generally; occasional m. P.	0.0	8.2	
THURSDAY- 30	m. P. generally till noon; w. P. afterwards.	0.0	8.2	
DECEMBER.				
FRIDAY - 1	w. P. generally; w. P. and w. N. be-tween 5h. and 8h. P.M.	0.9	8.2	
SATURDAY - 2	w. P. till 9h. P.M.; m. P. afterwards.	2.0	8.1	
MEANS		Sum 8.2	Sum 57.5	29
No. of Col.	-	28	29	27

The results apply to the civil day or from midnight to midnight.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M. and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of correction deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: - P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The reading of the barometer decreased from 30.27 in. at the beginning of the week to 30.19 in. by 6h. A.M. on November 27th; increased to 30.33 in. by 10h. A.M. on Novem-ber 28th; decreased to 30.27 in. by 3h. P.M. on the same day; increased to 30.34 in. by 10h. A.M. on November 29th; decreased to 29.86 in. by 6h. P.M. on December 1st; and increased to 30.30 in. by the end of the week.



LONDON.  
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1899.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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No. 49. 1899. VOL. LX.]      WEEK ENDING SATURDAY, DEC 9.      [Price 1½d.

General Register Office, Somerset House,  
December 11th, 1899.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 20·8 per 1000 of their aggregate population, which is estimated\* at 11,404,403 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Nov. 18.	Nov. 25.	Dec. 2.	Dec. 9.		Nov. 18.	Nov. 25.	Dec. 2.	Dec. 9.
33 Great Towns	17·3	19·3	18·9	20·8	Leicester - -	17·1	19·3	21·5	21·0
Birkenhead -	14·0	24·5	16·3	16·8	Liverpool - -	21·2	24·8	23·8	25·9
Birmingham -	18·0	24·0	19·1	16·9	London - - -	17·5	17·5	19·4	22·4
Blackburn -	22·4	21·6	14·3	20·8	Manchester - -	18·5	19·5	18·5	20·8
Bolton - - -	20·6	18·0	15·4	18·0	Newcastle-on-Tyne	15·3	19·2	19·6	21·0
Bradford - -	15·9	16·3	16·8	19·9	Norwich - - -	14·7	16·6	14·7	13·4
Brighton - -	15·7	20·3	22·9	21·6	Nottingham - -	19·6	19·8	16·1	14·4
Bristol - - -	15·9	20·0	18·0	19·5	Oldham - - -	13·1	18·0	18·7	13·5
Burnley - - -	11·5	18·9	15·2	15·7	Plymouth - - -	13·0	15·0	24·9	26·4
Cardiff - - -	12·6	15·2	16·3	14·3	Portsmouth - -	14·5	23·5	16·9	23·0
Croydon - - -	12·7	13·5	11·4	13·1	Preston - - -	25·3	29·7	19·9	25·3
Derby - - -	14·7	13·2	15·7	21·1	Salford - - -	16·5	24·6	21·3	21·7
Gateshead - -	19·1	18·1	15·2	21·5	Sheffield - - -	21·4	22·7	21·8	19·9
Halifax - - -	11·7	14·4	20·8	21·3	Sunderland - -	15·4	18·3	17·5	17·5
Huddersfield -	14·6	12·1	13·6	17·1	Swansea - - -	15·1	16·1	15·1	20·1
Hull - - -	19·4	28·0	25·2	23·4	West Ham - - -	12·3	16·8	16·7	16·5
Leeds - - -	17·5	20·9	14·4	18·2	Wolverhampton -	14·7	20·0	14·1	22·9

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Sheffield, 1·2 in Salford, 1·3 in Preston, 1·8 in Birkenhead, and 2·9 in Hull; from *whooping-cough*, 1·0 in Leicester, in Liverpool and in Salford, and 1·5 in Blackburn; and from "*fever*," 1·0 in Bolton, 1·3 in Nottingham, 1·5 in Derby, and 2·9 in Wolverhampton. In none of the thirty-three towns did the death-rate from *scarlet fever* or from *diarrhœa* reach 1·0 per 1000. The 113 deaths from *diphtheria* included 43 in London, 16 in Sheffield, 11 in Leeds, 6 in Liverpool, 4 in Manchester, 4 in Blackburn, 4 in Preston, 4 in Norwich, 3 in West Ham, 3 in Swansea, 3 in Leicester, and 3 in Salford. Eleven deaths from *small-pox* were registered in Hull, but not one in any other of the thirty-three towns.

## LONDON.

In LONDON† 2339 BIRTHS and 1957 DEATHS were registered. Allowing for increase of population, the births were 210 below, and the deaths 181 above, the average numbers in the corresponding weeks of the last ten

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.

years. The annual death-rate per 1000 from all causes, which had been 17·5, 17·5, and 19·4 in the preceding three weeks, further rose last week to 22·4. During the four weeks ending on Saturday last the death-rate averaged 19·2 per 1000, being 0·4 per 1000 below the mean rate in the corresponding periods of the ten years 1889-98.

The 1957 deaths included 59 from measles, 15 from scarlet fever, 43 from diphtheria, 20 from whooping-cough, 29 from enteric fever, 14 from diarrhoea and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 180 deaths were referred to these diseases, being 25 below the corrected average weekly number.

The deaths from *measles*, which had been 29, 44, and 43 in the preceding three weeks, rose again last week to 59, and were 2 above the corrected average; 7 cases belonged to Fulham, 6 to Battersea, and 5 to Wandsworth sanitary areas. The deaths from *scarlet fever*, which had been 6, 13, and 8 in the preceding three weeks, rose again last week to 15, but were 7 below the corrected average; 4 cases belonged to Fulham sanitary area. The deaths from *diphtheria*, which had been 56, 43, and 52 in the preceding three weeks, fell again last week to 43, and were 15 below the corrected average; 7 cases belonged to Islington, 4 to Lambeth, 3 to Rotherhithe, and 3 to Camberwell sanitary areas. The deaths from *whooping-cough*, which had been 9, 16, and 15 in the preceding three weeks, rose again last week to 20, but were 16 below the corrected average; 5 cases belonged to Islington and 5 to Bethnal Green sanitary areas. The fatal cases of *enteric fever*, which had been 55, 29, and 26 in the preceding three weeks, rose again last week to 29, and were 11 above the corrected average; 4 cases belonged to Poplar, 3 to Islington, and 3 to Lambeth sanitary areas. The deaths from *diarrhoea*, which had been 20, 10, and 7 in the preceding three weeks, rose again last week to 14, the corrected average being 13. The deaths referred to diseases of the respiratory organs, which had been 324, 350, and 430 in the preceding three weeks, further rose last week to 548, and were 112 above the corrected average. The deaths attributed directly to *influenza* numbered 42, having been 18, 12, and 17 in the preceding three weeks.

Different forms of violence caused 76 deaths, concerning all but 4 of which inquests were held. Of these 76 deaths, 8 were cases of suicide, while the remaining 68 were attributed to accident or negligence. Eleven of these were referred to vehicles in the streets, 11 to burns and scalds, 2 to the effects of anaesthetics administered for surgical purposes, and 12 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 1 case of small-pox, 3290 cases of scarlet fever, 1730 of diphtheria, and 460 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 278 cases, against 334, 293, and 294; of diphtheria, 237 cases, against 219, 266, and 212; and of enteric fever, 65 cases, against 73, 54, and 69.

#### GREATER LONDON.

In Greater London 3,322 births and 2,505 deaths were registered, corresponding to annual rates of 26·5 and 20·0 per 1000 of the estimated population. In the Outer Ring 16 deaths from measles, 6 from scarlet fever, 18 from diphtheria, 2 from whooping-cough, 5 from "fever," and 5 from diarrhoea were registered. Five deaths from measles, and 10 from diphtheria occurred in West Ham District.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·91 inches, and that of the Thermometer 41°·9; the latter being 1°·0 above the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 13 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 10·0 hours; the measured rainfall amounted to 0·46 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases, the diagnosis is found after sojourn in the Hospital to have been erroneous.



## RETURNS OF LONDON WATER COMPANIES.

The LONDON WATER COMPANIES have been good enough to furnish the following account of the number of services and the average daily amount of water supplied during the month of November, 1899. The supply was in the ratio of 225 gallons to one service.

COMPANIES.	Number of Services.		Daily Supply of Water in Gallons.	
	NOVEMBER, 1898.	NOVEMBER, 1899.	NOVEMBER, 1898.	NOVEMBER, 1899.
TOTAL SUPPLY - - - -	870,631	893,745	194,206,759	201,281,806
From Thames - - - -	418,189	427,285	105,435,428	107,355,928
From Lea and from other Sources -	452,442	466,460	88,771,331	93,925,878
THAMES.				
Chelsea - - - -	38,026	38,409	12,026,870	12,153,736
West Middlesex - - - -	83,245	84,805	20,806,673	20,755,422
Southwark and Vauxhall - - - -	122,140	123,466	30,061,358	31,040,514
Grand Junction - - - -	63,411	65,497	17,987,157	19,636,713
Lambeth - - - -	111,367	115,108	24,753,370	23,769,543
LEA AND OTHER SOURCES				
New River - - - -	165,426	168,451	37,074,932	36,490,823
East London - - - -	197,632	204,778	35,905,000	40,803,142
Kent - - - -	89,364	93,231	15,791,399	16,631,913

Note.—The Return for November, 1899, as compared with that for the corresponding month of 1898 shows an increase of 23,114 services and of 7,075,047 gallons of water supplied daily.

## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING NOVEMBER, 1899.

Government Laboratory,  
Clement's Inn Passage,  
Strand, London, W.C.,  
December 5, 1899.

SIR,

I have to report to you the results of the chemical analysis and physical examination of the waters supplied to the Metropolis during the month of November, 1899.

Taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December, 1876, as unity, the proportional amount contained in an equal quantity of water supplied by each of the Metropolitan Companies was:—Kent 0·6, New River 2·3, Chelsea 3·2, West Middlesex 4·5, Southwark 5·5, Grand Junction 5·8, East London 7·4, and Lambeth 7·6.

The water delivered by the five Companies drawing from the River Thames was in every case clear. The Chelsea and West Middlesex Companies' water was of fair chemical quality, but that supplied by the Southwark, Grand Junction, and Lambeth Companies was of indifferent quality owing to an excessive amount of organic matter, chiefly of vegetable origin. It will be noticed that the two Thames Companies possessing the least storage, viz., the Grand Junction and Lambeth Companies, delivered the worst water.

The water taken from the River Lea by the New River Company was, after storage and filtration, delivered in a clear condition; it was of good chemical quality. The Lea water delivered by the East London Company contained a large proportion of organic matter, and was, in this respect, only slightly superior to the worst of the Thames-derived supplies. This Company's water was very slightly turbid, with brownish particles, probably chiefly derived from the main, but also containing a little vegetable debris and a few moving organisms.

The water of the Kent Company was clear and of a high degree of organic purity.

Seen through a stratum two feet deep, the Kent water was colourless, the Chelsea and New River very pale yellow, the West Middlesex pale yellow, the Southwark and Grand Junction yellow, and the Lambeth and East London waters pale brown in colour.

I am, Sir,

Your obedient servant,  
T. E. THORPE.

The Registrar-General,  
Somerset House, W.C.

# *Analysis of Metropolitan Waters.*

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES.		Date and Place of Collection.	Temperature in Centigrade degrees.	Total Solid Matter.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen as Ni- trates and Nitrites.	Total Combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.		°								
	Chelsea - - -	{ November 13th. Cab Rank, Horse Guards, Whitehall. }	11.1	25.96	.162	.028	0	.194	.222	1.9	17.1
	West Middlesex - -	{ November 13th. Cab Rank, Riding House- street. }	11.3	25.32	.236	.028	0	.190	.218	1.9	16.0
	Southwark - - -	{ November 13th. Cab Rank, St. George's Church, Borough. }	11.5	26.48	.296	.030	0	.228	.258	1.9	16.6
	Grand Junction - -	{ November 13th. Cab Rank, Portman- street, Oxford-street. }	10.3	27.28	.309	.033	0	.254	.287	1.9	17.1
	Lambeth - - -	{ November 13th. Cab Rank, St. George's- road, Southwark. }	10.8	27.04	.401	.045	0	.314	.359	2.0	17.4
	LEA.										
	New River - - -	{ November 13th. Cab Rank, Tottenham Court-road. }	9.9	32.96	.149	.024	0	.298	.322	1.9	20.6
	East London - - -	{ November 13th. Cab Rank, Sidney-street, E. }	10.1	39.64	.393	.041	0	.383	.424	2.1	23.0
	DEEP WELL.										
	Kent- - - -	{ November 13th. Police Station, Blackheath-road. }	12.8	39.24	.030	.007	0	.510	.517	2.3	26.0
Column 1.		2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11 related to 100,000 parts of the waters. The Table is to be read thus:—The Chelsea Company's water, collected on the 13th November, at the Horse Guards cab rank, had a temperature of 11.1° C.; 100,000 lbs. of it contained 25.96 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained .162 lb. of carbon and .028 lb. of nitrogen. The above quantity of water also contained no ammonia and .194 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was .222 lb. The above weight of water also contained 1.9 lbs. of chlorine, and 17.1 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

CITIES AND BOROUGH.	POPULATION estimated middle of the Year 1899.*	BIRTHS. DEATHS.		Deaths of Infants under 1 Year of Age.		Deaths of Persons aged 40 Years and upwards.		Deaths from								Deaths of Persons aged 40 Years and upwards.		CITIES AND BOROUGH.										
		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		Causes of Death.		18.	19.	20.	Mean.		23.	24.	Cols.
																			From All Causes.	From Diseases in Cols. 9-12.				Highst.	Lowest.			
33 TOWNS.	11,404,408	6035	4551	1018	1192	11	135	38	113	70	75	38	171	386	1028	49	208	573	220	413	517	062	157	33 TOWNS.				
LONDON.	4,646,752	2839	1857	406	557	-	59	15	43	20	29	14	7	13	13	6	224	549	264	419	550	046	117	LONDON.				
WEST HAM.	300,241	152	95	23	26	-	4	2	3	-	1	-	-	2	4	3	165	-	-	-	-	-	-	WEST HAM.				
CROYDON.	127,759	64	32	10	12	-	-	-	1	1	-	-	-	-	5	2	131	515	235	430	456	031	079	CROYDON.				
BRIGHTON.	123,226	50	51	7	22	-	-	-	1	1	-	-	-	-	5	2	216	544	305	407	611	067	170	BRIGHTON.				
PORTSMOUTH.	190,741	85	84	19	26	-	1	-	2	3	-	1	2	8	10	2	230	550	270	420	556	028	071	PORTSMOUTH.				
PLYMOUTH.	100,637	51	51	6	26	-	1	-	1	2	-	-	3	10	19	2	264	573	250	415	528	061	155	PLYMOUTH.				
BRISTOL.	320,911	173	120	31	46	-	104	51	19	1	1	1	1	2	5	8	143	-	-	-	-	-	-	BRISTOL.				
CARDIFF.	185,826	104	51	19	10	-	1	-	3	-	-	-	1	2	3	-	201	-	-	-	-	-	-	CARDIFF.				
SWANSEA.	103,722	39	40	8	10	-	1	-	3	-	-	-	1	2	3	-	201	-	-	-	-	-	-	SWANSEA.				
WOLVERHAMPTON.	88,821	63	39	8	9	-	-	-	1	-	5	-	2	4	8	-	229	534	238	391	394	047	119	WOLVERHAMPTON.				
BIRMINGHAM.	514,956	304	167	37	32	-	5	-	1	7	8	1	-	15	23	5	169	500	326	416	533	078	198	BIRMINGHAM.				
NORWICH.	113,266	46	29	5	8	-	-	-	4	-	-	-	-	-	4	-	134	507	326	416	533	078	198	NORWICH.				
LEICESTER.	213,851	119	86	27	20	-	1	2	3	4	-	-	1	2	7	2	210	530	248	405	472	068	173	LEICESTER.				
NOTTINGHAM.	239,384	113	66	13	17	-	1	-	1	-	6	1	1	3	13	-	144	530	248	405	472	068	173	NOTTINGHAM.				
DERBY.	106,401	53	43	16	14	-	1	-	-	-	3	1	1	4	3	-	211	-	-	-	-	-	-	DERBY.				
BIRKENHEAD.	116,182	56	37	9	10	-	4	-	-	-	-	1	1	5	5	-	168	548	-	-	-	-	-	BIRKENHEAD.				
LIVERPOOL.	634,212	402	315	61	65	-	8	1	6	12	3	1	23	32	93	11	239	548	256	424	578	091	231	LIVERPOOL.				
BOLTON.	162,221	84	56	14	13	-	-	-	4	1	3	-	3	3	8	1	180	-	-	-	-	-	-	BOLTON.				
MANCHESTER.	543,402	313	217	50	43	-	5	3	4	1	2	3	11	20	48	3	208	-	-	-	-	-	-	MANCHESTER.				
SALFORD.	218,244	130	91	15	15	-	5	1	3	4	3	2	4	4	19	-	217	-	-	-	-	-	-	SALFORD.				
OLDHAM.	150,773	57	39	5	11	-	-	1	1	1	-	-	-	3	6	-	135	07	-	-	-	-	-	OLDHAM.				
BURNLEY.	113,081	34	34	6	9	-	1	2	4	1	1	1	1	2	4	1	137	28	-	-	-	-	-	BURNLEY.				
BLACKBURN.	135,154	54	54	12	9	-	1	2	4	4	1	2	2	2	9	1	208	50	-	-	-	-	-	BLACKBURN.				
PRESTON.	117,622	65	57	14	12	-	3	-	4	-	2	-	1	2	7	-	253	40	-	-	-	-	-	PRESTON.				
HUDDESFIELD.	108,464	49	34	7	15	-	-	-	-	1	-	-	-	-	4	1	171	05	510	270	394	076	193	HUDDESFIELD.				
HALIFAX.	97,721	40	40	6	14	-	1	-	1	-	1	-	1	2	5	2	213	16	-	-	-	-	-	HALIFAX.				
BRADFORD.	236,241	98	90	14	28	-	4	2	2	1	1	2	2	7	11	-	199	22	278	430	611	073	185	BRADFORD.				
LEEDS.	423,889	246	148	45	31	-	7	1	11	5	-	1	4	17	20	-	182	31	-	-	-	-	-	LEEDS.				
SHEFFIELD.	361,169	233	138	41	21	-	7	2	16	1	5	5	3	5	14	4	199	52	-	-	-	-	-	SHEFFIELD.				
HULL.	234,270	151	105	24	22	-	13	1	1	-	1	1	4	8	18	5	234	60	290	414	522	080	203	HULL.				
SUNDERLAND.	145,613	73	49	16	10	-	2	2	-	-	-	-	-	2	7	1	175	14	-	-	-	-	-	SUNDERLAND.				
GATESHEAD.	106,552	88	44	11	11	-	-	-	-	-	-	-	-	2	3	-	215	-	-	-	-	-	-	GATESHEAD.				
NEWCASTLE.	226,625	147	92	23	18	-	3	-	-	1	-	-	8	12	18	1	210	09	-	-	-	-	-	NEWCASTLE.				

\* See note \* on first page of this return.

\* See note \* on first page of this return.



TABLE 2. LONDON.—Births and Deaths Registered in the FORTY-NINTH Week of each of the Eleven Years, 1889–99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889–98.*	1899
<b>TOTAL Births</b>	2270	2240	2393	2397	2436	2593	2373	2419	2489	2377	2543.6	2339
Males - - -	1139	1141	1244	1244	1246	1315	1238	1268	1244	1306	1302.4	1217
Females - - -	1131	1099	1149	1153	1190	1278	1135	1151	1245	1071	1241.2	1122
<b>TOTAL Deaths</b>	1683	1733	1462	1452	2356	1614	1459	1891	1836	1447	1775.6	1957
Males - - -	821	901	716	735	1263	808	738	833	950	765	998.3	1012
Females - - -	862	832	746	717	1093	806	721	771	916	682	777.3	945

\* The numbers in this column are the average weekly numbers in the forty-ninth week of the ten years 1889–98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Sept. 16.	Sept. 23.	Sept. 30.	Oct. 7.	Oct. 14.	Oct. 21.	Oct. 28.	Nov. 4.	Nov. 11.	Nov. 18.	Nov. 25.	Dec. 2.	Dec. 9.
<b>TOTAL Births</b>	-	2675	2531	2399	2540	2349	2529	2495	2613	2711	2674	2556	2339
<b>TOTAL Deaths</b>	-	1643	1619	1456	1564	1637	1507	1844	1626	1506	1528	1695	1957
Ages at Death													
Under 1 year - - -	-	572	592	379	359	333	318	376	352	334	355	331	388
1–5 years - - -	-	187	183	159	172	182	159	203	197	215	180	226	209
5–20 " - - -	-	89	106	80	86	89	82	118	86	113	93	94	74
20–40 " - - -	-	201	204	173	219	233	222	269	2.6	218	214	193	227
40–60 " - - -	-	282	309	330	333	330	342	391	363	280	318	305	351
60–80 " - - -	-	259	269	280	316	378	352	391	339	274	300	312	349
80 years and upwards	-	62	71	65	73	87	82	96	83	69	68	65	111
Deaths from—													
Small pox - - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles - - -	-	17	17	15	21	20	26	34	33	42	29	44	59
Scarlet Fever - - -	-	2	8	9	7	9	6	14	7	14	6	13	15
Diphtheria - - -	-	22	42	44	55	56	60	59	39	68	56	43	52
Whooping-cough - - -	-	16	19	23	10	10	6	10	14	11	9	16	20
Typhus - - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever - - -	-	18	24	19	19	21	15	40	29	51	55	29	29
Simple Continued Fever - - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery - - -	-	233	162	81	53	49	25	17	22	13	20	10	7
Cholera - - -	-	9	6	2	-	-	-	1	1	-	-	-	-
All the above Diseases - - -	-	317	278	193	167	165	138	175	145	199	175	155	180
Dis. of Respiratory System - - -	-	133	138	156	215	275	306	477	418	325	324	350	430
Phthisis - - -	-	133	139	157	173	180	203	203	157	133	141	153	177
Dis. of Circulatory System - - -	-	110	134	124	167	170	139	173	122	107	148	141	143
Violence - - -	-	62	71	57	71	75	79	63	54	75	57	61	66
Inquest Cases - - -	-	145	147	135	148	144	153	185	122	144	134	154	188
Deaths in Public Institutions - - -	-	464	482	481	501	541	558	577	507	509	494	485	604
<b>TEMPERATURE OF THE AIR.</b>													
Mean - - -	-	57.5	57.6	52.1	49.3	47.3	47.4	51.8	53.2	50.9	45.9	45.5	45.3
Mean of Highest readings - - -	-	67.0	63.5	61.0	56.6	58.9	56.6	57.4	59.1	56.2	51.3	49.0	50.5
Mean of Lowest readings - - -	-	48.8	48.2	45.5	42.6	36.2	39.4	45.9	47.1	45.4	39.9	40.6	39.4
Humidity of the Air - - -	-	73	63	76	83	82	82	90	83	78	84	80	82
Rain-fall (in inches) - - -	-	0.27	0.36	1.01	0.50	0.12	0.00	1.30	1.81	2.33	0.00	0.00	0.29
Registered Sunshine (in hours) - - -	-	23.5	38.3	32.5	12.2	38.9	43.3	7.8	22.5	20.9	8.4	0.0	8.2
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - - -	-	-	-	-	-	-	-	-	-	-	1	1	1
Scarlet Fever - - -	-	2640	2758	2336	3003	3217	3493	3504	3539	3564	3578	3593	3290
Diphtheria - - -	-	1486	1474	1187	1519	1595	1659	1700	1715	1692	1736	1761	1735
Enteric Fever - - -	-	228	235	252	275	308	331	342	407	426	443	448	461

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lipinsett, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak Hull.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-NINTH Week of the Year 1899.

CAUSES OF DEATH		Corrected Averages for the 49th Week of 1889-98*.	In the Week ending Saturday, 9th December 1899.										Corrected Averages for the 49th Week of 1889-98*.	In the Week ending Saturday, 9th December 1899.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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			ALL AGES.			Under 20.			20 and under 40.					40 and under 60.				60 and under 80.				80 years and upwards.		ALL AGES.			Under 20.			20 and under 40.				40 and under 60.				60 and under 80.				80 years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical practitioners. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the death is not certified by a registered practitioner, the case is returned under the heading "no statement," when the evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of murder, manslaughter or suicide. All such causes are classed under "accident."



TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, M. SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered SUB-DISTRICT during the Week ending Saturday, 9th December, 1899.

		The DEATHS registered during the Week include																
		Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from											In- quest Cases.
					Infants under 1 Year of Age.	Persons aged 50 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.		
REGISTRATION SUB-DISTRICTS.																		
LONDON -		4,411,710	2,339	1,957	406	557	-	59	15	43	20	-	29	-	14	76	188	
WEST DISTRICTS		778,251	346	334	70	103	-	11	1	5	2	-	4	-	3	14	32	
NORTH DISTRICTS		1,040,694	520	409	88	119	-	9	6	12	7	-	6	-	5	17	42	
CENTRAL DISTRICTS		233,635	112	96	15	19	-	3	-	-	-	-	4	-	-	7	11	
EAST DISTRICTS		716,334	444	367	84	90	-	11	-	2	8	-	5	-	1	12	43	
SOUTH DISTRICTS		1,642,796	917	712	149	215	-	25	7	24	3	-	16	-	4	26	59	
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON *		-	-	39	-	11	-	-	1	-	-	-	-	-	1	-	1	
WEST DISTRICTS.																		
St. Mary Paddington } G. & W.		90,996	52	35	11	14	-	-	-	-	1	-	1	-	-	-	4	
WHH St. John Paddington H - - G.		33,510	9	14	1	4	-	-	-	-	-	-	-	-	-	2	2	
Kensington Town Ww - - W.		122,164	64	54	13	18	-	1	-	-	-	-	-	-	-	2	3	
Brompton HH- - - W. & C.		48,301	10	14	-	4	-	-	-	-	-	-	-	-	-	1	1	
North Hammersmith† H } W. & G.		44,638	20	9	5	3	-	-	-	-	-	-	1	-	-	1	1	
South Hammersmith† H } W. & G.		59,561	29	26	7	8	-	-	-	2	-	-	-	-	-	2	3	
Fulham Ww - - - W. & C.		113,781	81	68	14	17	-	7	-	1	-	-	1	-	1	-	2	
Chelsea Kensal Town - C.		21,450	9	6	2	2	-	1	-	-	-	-	-	-	1	-	-	
Chelsea North WHHHH - C.		42,057	12	21	2	8	-	-	-	-	-	-	-	-	1	1	3	
Chelsea South HH - C.		33,139	12	17	6	5	-	2	-	-	-	-	-	-	-	1	3	
May Fair W - - - G.		23,827	4	16	2	9	-	-	1	-	1	-	-	-	-	-	-	
Belgrave WHHH - - C.		56,140	20	26	2	5	-	-	-	2	-	-	1	-	-	1	4	
St. John Westminster HH - C.		31,492	13	9	2	2	-	-	-	-	-	-	-	-	-	-	-	
St. Margaret Westminster H- C.		22,097	1	9	1	1	-	-	-	-	-	-	-	-	-	2	4	
St. James Westminster } N. & G.		23,050	6	7	1	2	-	-	-	-	-	-	-	-	-	-	1	
WH St. Anne Soho HHHHH - N.		12,048	4	3	1	1	-	-	-	-	-	-	-	-	-	1	1	
NORTH DISTRICTS.																		
All Souls Marylebone } - W.		36,595	9	15	1	3	-	-	-	-	-	-	1	-	-	1	2	
HHHHHHHH Rectory Marylebone W } G. & W.		19,798	6	6	2	3	-	-	-	-	-	-	-	-	-	-	-	
St. Mary Marylebone } G. & W.		19,637	31	7	1	5	-	-	-	-	-	-	-	-	-	-	-	
HHHH Christchurch Marylebone H - W		32,547	16	4	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. John Marylebone HHH - W.		32,611	7	9	2	2	-	1	-	-	-	-	-	-	-	-	1	
Hampstead } - N. & W.		75,449	22	30	3	10	-	1	4	3	-	-	2	-	-	1	1	
WwHHHHH Regent's Park Pancras HH - W.		37,341	14	13	4	4	-	-	-	-	-	-	-	-	-	1	1	
Tottenham-court } - N. & W.		26,757	7	14	2	1	-	1	-	-	-	-	-	-	-	1	2	
wHHHHHH Gray's Inn Lane HHHH - N.		29,426	18	18	4	3	-	-	-	-	-	-	-	-	-	6	8	
Somers Town HH - - N.		32,161	12	16	4	4	-	-	-	-	-	-	-	-	-	2	3	
Camden Town WH - - N.		16,669	10	18	1	10	-	1	-	-	-	-	-	-	1	2	3	
Kentish Town WW - - N.		98,410	57	33	7	7	-	-	-	-	1	-	-	-	1	1	1	
Upper Holloway } - N.		98,273	50	61	14	19	-	1	-	1	2	-	2	-	-	1	3	
WWWWwHH Islington South-west H - N.		107,365	60	30	10	9	-	-	-	-	-	-	-	-	-	1	4	
Islington South-east - N.		66,549	31	22	9	3	-	1	-	1	2	-	-	-	-	1	2	
Highbury HH - - N.		64,577	27	20	4	6	-	-	-	-	1	-	-	-	-	-	2	
Stoke Newington H - - N.		33,485	11	2	-	2	-	-	-	-	-	-	-	-	-	-	-	
North Hackney - - E. & N.		20	10	1	5	-	-	-	-	-	-	-	-	-	-	-	1	
Central Hackney ww - E. & N.		29	18	3	2	-	-	-	2	6	1	-	-	-	1	-	1	
South-west Hackney HHH E. & N.		47	29	9	7	-	-	1	-	1	-	-	-	-	-	1	3	
South-east Hackney WwH E. & N.		33	34	5	14	-	-	2	-	-	-	-	1	-	1	-	5	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there-  
namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other Dis-  
tricts than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which pauper  
received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G, sig-  
Grand Junction Company; W, West Middlesex; C, Chelsea; S, Southwark and Vauxhall; L, Lambeth; N, N.  
River; E, East London; and K, the Kent Company.

\* See note † on first page of this Return.  
† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899 and  
re-named North Hammersmith and South Hammersmith, respectively.



5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 9th December, 1899—continued.

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation. 1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include																	Deaths in Public Institutions	Uncertified Causes of Death
				Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from																
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence	Liquor Cases						
CENTRAL DISTRICTS.																						
Shbury and St. Giles } ch* WH- - - - N. les North H - - - N.	29,086 9,151	17 5	5 1	3 1	1 -	- -	1 -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	1 -	- -			
artin-in-the-Fields HHN.&C. l WHH - - - - N. Union Workhouse, Edmonton	13,077 11,839 11,037	- 5 -	8 14 4	- 2 4	2 2 -	- - -	- - -	- - -	- - -	- - -	- 1 1	- - -	- - -	- 1 1	1 2 1	2 1 1	5 10 4	- - -	- -			
rn w HHHHHH - - - N. nes Clerkenwell - - - N. l Clerkenwell - - - N. all-street - - - - N. oad HHHH - - - - N. ross-street - - - - N. ary - - - - N. n Union Workhouse, } ham - - - - }	31,042 15,777 34,356 16,069 29,897 7,595 4,035 1,892	9 4 17 11 30 2 2 -	15 5 8 3 3 6 1 2	3 1 2 4 1 1 -	1 1 2 1 1 -	- 1 - - - - -	1 - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- 1 1 1 2 -	1 2 1 1 -	7 - - - -	- - - - -	- -				
tolph† HH - - - N. & E. legate - - - - N. oulchre WH - - - N. lows Barking - - - N. London Asylum, Stone - -	9,762 3,299 9,591 9,059 1,388	6 - 4 - -	- 1 17 - 1	- 1 2 - -	- 1 - -	- - - -	- - - -	- - - -	- - - -	- - 1 -	- - - -	- - - -	- - - -	- - 2 -	- 1 2 -	- 1 1 -	- - 16 1	- - -	- -			
EAST DISTRICTS.																						
itch South Hl - - E. & N. n New Town w - - - N. n Old Town - - - N. rston WH - - - N. & E.	17,975 29,576 27,645 47,163	8 22 21 20	7 16 7 28	2 3 7 4	1 7 4 9	- - - -	- - - -	- - - -	- 1 - -	- - 1 -	- - - -	- - - -	- - - -	- - - -	1 1 1 5	2 5 7 7	- - -	- -				
al Green North H - - E. al Green South - - E. al Green East WWHl - E.	49,301 34,194 45,667	32 19 23	23 10 33	5 3 6	5 6 10	- - -	- - 2	- - -	- - 1	4 - 1	- - -	- - -	- - -	- - -	1 1 1	1 1 1	1 - 17	- -	- -			
Fields - - - - E. & N. nd New Town\$ WH - E. nan's Fields\$ - - E.	26,681 51,095	12 7 7	7 37 6	3 5 2	1 5 -	- - -	1 1 1	- - -	- 1 -	- - -	- 1 -	- - -	- - -	- - -	1 3 3	4 7 3	35 -	- -	- -			
orge, North - - - E. n, St. George East W E.	39,576 7,930	36 5	17 6	7 1	2 1	- -	2 1	- -	- -	- -	- -	- -	- -	- 1	3 -	- 5	- -	- -	- -			
vell H - - - E. & N. ff W - - - E. ouse - - - E.	10,434 14,954 32,917	5 8 18	14 7 13	5 3 4	2 1 3	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	3 - -	6 1 -	- -	- -	- -			
nd Old Town West H E. nd Old Town East } - E. w }	111,060	44 29	21 25	3 7	8 7	- -	- -	- -	- -	- -	- -	- -	- -	1 3	2 3	4 -	- -	- -	- -			
ey w w w H - - - E. r WW - - - E.	41,687 69,821 57,759	34 53 41	20 43 27	5 10 6	2 11 5	- - -	3 - -	- -	- -	- 1 2	- 2 1	- -	- -	- -	2 2 1	3 5 1	- 19 2	- -	- -			

Sub-Districts of St. George Bloomsbury and St. Giles South were united on 1st November 1899, and re-named Bloomsbury and St. Giles South.

† Population in 1891, not included in the total population of the Central Districts of London.

‡ The Sub-Districts of St. Botolph and Broad Street were united on 1st September 1899.

St. Botolph Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.



LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE SPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 9th December, 1899.

REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- mer- ated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include														
					Deaths of 1 Year of Age.	Persons aged 40 Years & upwards.	Deaths from										Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
							Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.					
DON—OUTER RING	368,749	1,422,063	983	548	142	166	-	16	6	13	2	5	5	21	49	49	6		
Carshalton H	12,228	26,108	9	8	1	1	-	-	-	2	-	-	1	-	-	2	-		
Epsom, part of* WwHH	10,423	12,508	2	4	2	2	-	-	-	-	-	-	-	-	-	-	1		
Godstone, part of* W	2,754	1,598	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Croydon WwHHH	20,851	128,699	78	37	11	14	-	-	-	2	-	-	-	-	2	6	-		
Mitcham w	11,697	23,072	14	6	2	2	-	1	-	-	-	-	-	-	-	-	-		
Wimbledon HHH	3,220	25,777	10	13	4	5	-	-	-	-	-	-	-	1	2	-	-		
Kingston WH	-	33,566	20	7	1	4	-	-	-	-	-	-	-	-	-	1	-		
Surbiton H-	14,672	12,178	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Esher, part of* HH	-	11,080	8	4	1	1	-	-	-	-	-	-	-	-	-	-	-		
Hampton HL	4,565	18,262	8	6	2	2	-	1	-	-	-	-	-	-	1	-	-		
Richmond WH	2,160	25,389	7	10	1	4	-	2	-	-	-	-	-	-	-	-	-		
Mortlake H	2,823	16,159	15	4	1	3	-	-	-	-	-	-	-	-	-	-	-		
Bromley HHH	9,127	23,815	17	6	2	3	-	-	-	-	-	-	-	-	-	-	-		
Beckenham H	6,542	21,969	11	4	-	-	-	-	-	1	-	-	-	-	-	-	-		
Chislehurst, part of* WHH	14,307	20,372	7	6	2	2	-	1	-	-	1	-	-	1	1	-	-		
Bexley HHH	12,540	30,590	22	11	2	4	-	-	-	-	-	-	-	1	1	-	1		
Dartford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Sunbury w	11,054	13,671	9	3	-	1	-	-	-	-	-	-	-	-	-	-	1		
Staines WH	13,277	13,221	6	1	-	-	-	-	1	-	-	-	-	-	-	-	-		
Hillingdon WHH	6,035	12,237	11	7	3	3	-	-	-	-	-	-	-	-	1	1	-		
Uxbridge	12,757	7,253	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hayes wH	7,952	11,051	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Uxbridge WHH	6,967	26,004	17	9	2	4	-	-	1	-	-	-	-	1	1	3	-		
Twickenham HH	2,415	16,027	5	8	1	5	-	-	-	-	-	-	-	-	-	-	-		
Brentford HHHH	4,318	37,777	21	14	2	6	-	1	-	1	-	-	-	1	2	1	-		
Uxbridge	1,245	21,963	17	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
Uxbridge WHH	6,132	30,945	24	15	5	3	-	2	-	-	-	2	1	3	1	-	-		
Uxbridge HHH	13,809	15,715	8	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
Uxbridge HH	6,994	3,844	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Villesden HHH	4,383	61,265	63	31	8	8	-	-	2	1	-	1	-	2	2	3	-		
Uxbridge WH	8,382	15,843	9	7	4	1	-	-	-	-	-	-	-	-	-	3	-		
Uxbridge HH	2,077	6,367	5	1	-	-	-	-	-	-	-	-	-	1	1	-	-		
Uxbridge WHH	14,152	14,152	9	9	2	4	-	-	-	-	-	-	-	-	-	-	-		
Uxbridge HHH	4,668	25,820	13	7	2	3	-	-	-	-	-	-	-	-	-	-	-		
Uxbridge HH	3,039	61,097	27	21	3	9	-	1	-	-	-	-	-	1	2	-	-		
Uxbridge HH	4,642	97,174	74	33	12	7	-	-	-	-	-	-	-	2	5	1	-		
Uxbridge WwW	7,489	36,351	28	13	1	6	-	-	-	-	-	-	1	-	-	3	-		
Uxbridge WWHH	12,602	31,536	20	9	3	3	-	-	-	-	-	-	-	-	-	-	-		
Uxbridge Abbey	11,017	6,066	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Uxbridge H	8,480	9,620	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Uxbridge, part of* W-	3,306	582	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Uxbridge H-	9,331	7,737	2	6	2	-	-	-	-	-	-	-	-	-	-	-	-		
Uxbridge WH, part of*	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-		
Uxbridge H	-	38,612	27	21	5	6	-	-	-	1	-	-	-	1	2	-	-		
Uxbridge HHH	-	59,030	53	23	7	5	-	2	1	1	-	-	-	-	2	2	-		
Uxbridge Town H	-	54,750	50	27	8	6	-	-	1	1	-	-	-	6	8	3	-		
Uxbridge Gate w	-	53,511	22	16	3	5	-	2	-	-	-	-	-	1	1	-	-		
Uxbridge Ham WHH	3,266	32,713	56	27	10	4	-	-	-	1	-	1	-	-	3	-	-		
Uxbridge WwWwH	4,334	70,188	66	47	14	12	-	1	-	2	-	1	-	-	2	4	-		
Uxbridge HHL	6,501	57,330	57	31	11	5	-	-	-	4	1	-	1	-	4	-	-		
Uxbridge, part of* HHHH	11,779	12,941	4	4	1	1	-	-	-	-	-	1	-	1	1	-	-		
Uxbridge WH, part of*-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Uxbridge, part of* WH	6,556	4,324	2	2	-	1	-	-	-	-	-	-	-	-	-	1	-		
Uxbridge	8,493	10,913	16	9	1	5	-	-	-	-	-	-	-	1	2	-	-		
Uxbridge Town, H	3,814	14,301	13	3	-	1	-	2	-	-	-	1	-	-	-	-	-		
Uxbridge Fever Hospital, Hackney.	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	1	-		
Uxbridge County Asylum, Hanwell.	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-		
Uxbridge County Asylum, Claybury.	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-		

Parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Waringham and Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,189); 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospitals for Diseases belonging to the Outer Ring in 42: 2, Dartford; 187: 2, Watford; and 187: 2, Epping sub-district,



TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 9th December, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Ver-		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10	11.	12.	13.	14.	15.		
GREATER LONDON	443,421	6,528,434	20.0	1.9	2505	548	723	-	75	21	61	22	34	19	9		
INNER LONDON -	74,672	4,546,752	23.4	2.1	1957	406	557	-	59	15	43	20	29	14	7		
OUTER RING -	368,749	1,981,682	14.4	1.4	548	142	166	-	16	6	18	2	5	5	2		

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	
EDINBURGH -	298,927	Dec. 9	168	101	17.6	-	-	-	-	-	-	-
GLASGOW -	733,903	" 9	390	278	19.2	-	6	-	3	3	4	4
DUBLIN -	349,594	" 9	206	258	38.5	-	30	1	3	1	2	2
CALCUTTA -	466,460	Oct. 14	-	267	29.8	-	1	-	1	-	109	109
BOMBAY -	821,764	Nov. 14	188	804	50.9	9	13	?	?	?	188	188
MADRAS -	452,518	" 3	394	396	45.5	1	2	?	?	?	98	98
PARIS -	2,511,629	Dec. 2	1039	913	18.8	-	2	4	5*	4	12	12
BRUSSELS -	561,130	" 2	240	137	12.7	-	-	1	2*	-	2	2
AMSTERDAM -	517,595	Nov. 25	303	126	12.6	-	-	-	-	3	2	2
ROTTERDAM -	315,305	" 25	205	97	15.8	-	1	1	4	1	2	2
THE HAGUE -	199,285	" 25	102	52	13.6	-	-	-	-	-	-	-
COPENHAGEN -	349,000	Dec. 2	187	112	16.7	-	-	-	1	-	2	2
STOCKHOLM -	291,580	Nov. 25	-	-	-	-	-	-	-	-	-	-
CHRISTIANIA -	221,255	Dec. 2	152	58	13.6	-	-	-	3	-	-	-
ST. PETERSBURG	1,132,677	Nov. 25	715	536	24.7	1	11	18	25	4	14	14
MOSCOW -	988,610	" 25	-	511	27.0	-	3	7	9	4	8	8
BERLIN -	1,818,517	" 18	839	573	16.2	-	3	9	17	8	2	2
HAMBURG -	675,351	Dec. 2	-	164	12.6	-	-	-	5*	1	-	-
DRESDEN -	397,300	Nov. 18	238	129	16.8	-	4	1	1*	2	1	1
BRESLAU -	406,012	Dec. 2	-	184	23.6	-	2	1	2	1	-	-
MUNICH -	445,000	" 2	-	191	22.3	-	-	-	4*	1	1	1
VIENNA -	1,623,134	Nov. 25	824	542	17.2	-	11	7	8*	1	3	3
PRAGUE -	384,622	" 25	171	158	21.3	-	-	2	1	1	1	1
BUDA-PESTH -	666,722	" 25	421	275	21.4	-	9	13	2	1	2	2
TRIESTE -	166,599	" 18	84	74	23.0	-	4	4	3*	-	2	2
ROME -	508,779	" 11	-	-	-	-	-	-	-	-	-	-
TURIN (10 days)	344,203	Oct. 10	206	174	18.5	-	-	-	1	1	5	5
VENICE -	172,288	Nov. 18	58	75	22.7	-	-	-	7*	1	-	-
CAIRO -	570,062	" 4	460	368	33.6	1	-	-	2*	-	6	6
ALEXANDRIA -	319,766	" 4	223	154	25.0	-	-	-	-	-	3	3
NEW YORK (including BROOKLYN)	3,550,053	" 4	1577	1049	15.4	1	9	8	24	11	18	18
PHILADELPHIA -	1,266,832	" 25	-	386	15.9	-	-	4	27	1	4	4

\* Including deaths from croup.

† Including 33 deaths from plague in Calcutta, and 88 in Bombay.

‡ Including 9 death from cholera in Calcutta, and 1 death in Bombay.

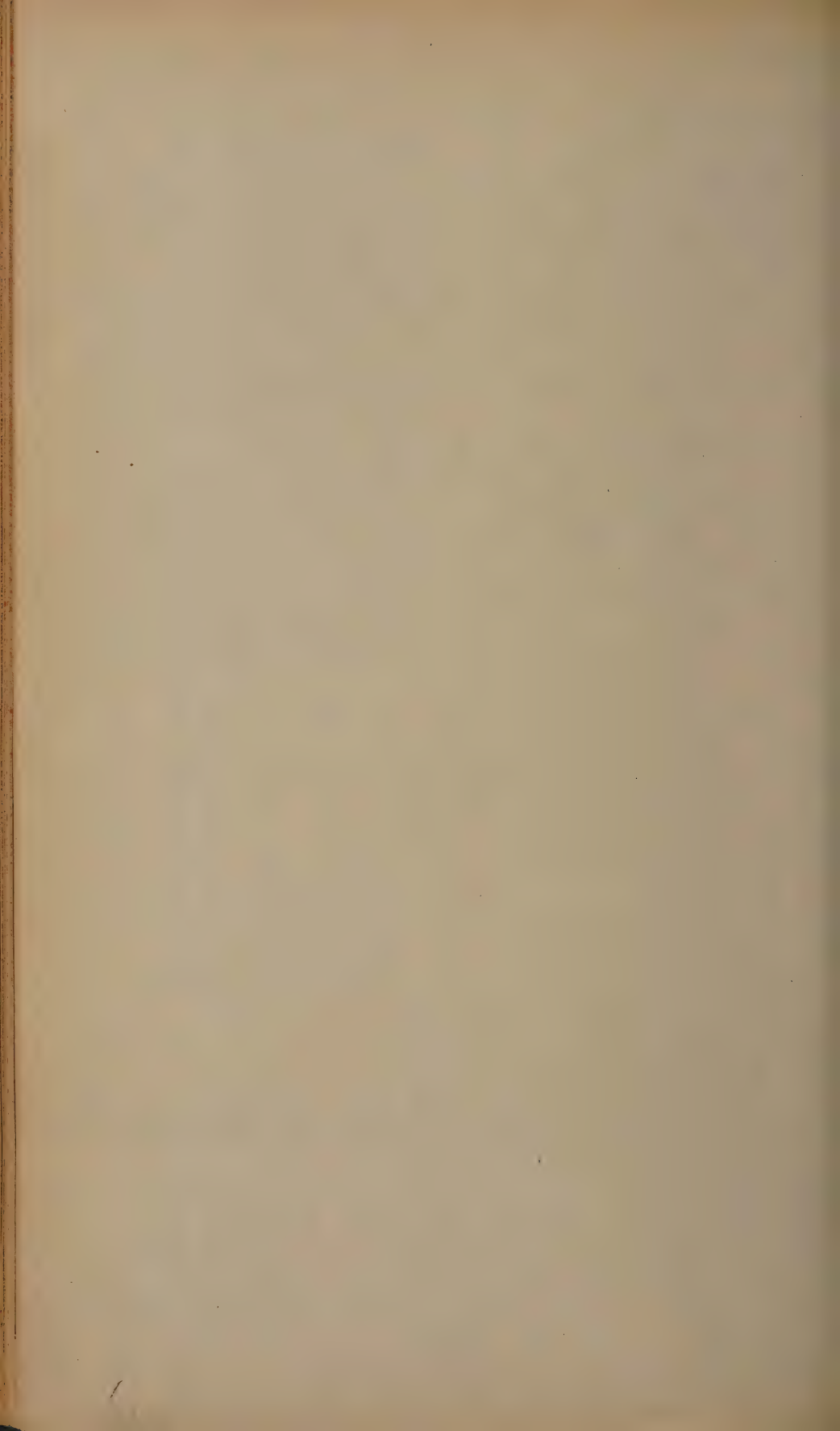
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DECEMBER.		New. Dec. 8.	in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
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The results apply to the civil day, or from midnight to midnight.  
 The height of the cistern of the barometer is 139 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.  
 Observations are usually taken at 9 A.M., noon, 3 P.M., and 9 P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables. The average temperature of the air is that derived from an admisson of the observations made at Greenwich during the 50 years ending 1890, and that of horizontal movement of the air from a discussion of the aneroid records for the 16 years ending 1875. In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average.  
 The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.  
 The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: - P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.  
 The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.  
 The reading of the barometer increased from 30.30 in. at the beginning of the week to 30.39 in. by 10h. A.M. on the 3rd; decreased to 29.44 in. by 3h. P.M. on the 7th; increased to 30.10 in. by 6h. P.M. on the 8th; and decreased to 30.08 in. by the end of the week.

GENERAL REMARKS.

DATE.	ELECTRICITY. (For explanation of symbols, see Note.)	Registered Sunshine in hours.	Sun above Horizon, in hours.	GENERAL REMARKS.
DECEMBER.				
SUNDAY - 3	m. P. generally	0.0	8.1	Cloudless, with hoar frost in morning; cloudy and foggy till evening; overcast afterwards. A cold day.
MONDAY - 4	w. P. throughout	3.3	8.0	Cloudy in morning; fine, with small amounts of cloud till evening; overcast, with rain at night.
TUESDAY - 5	w. P. throughout	0.0	8.0	Overcast; frequent slight rain. Foggy at times. Very mild.
WEDNESDAY - 6	w. P. generally; occasional w. N. in morning.	0.0	8.0	Generally overcast; occasional showers. A very mild day.
THURSDAY - 7	Instrument under adjustment.	0.0	8.0	Generally overcast; dense fog and great gloom till afternoon; frequent slight rain afterwards.
FRIDAY - 8	Instrument under adjustment till 5h. P.M.; m. P. afterwards.	6.2	7.9	Overcast, with occasional slight rain in morning; very fine till evening; cloudy at night. Very cold.
SATURDAY - 9	m. P. throughout	0.5	7.9	Fine, but generally cloudy. Hoar frost in morning. A very cold day.
No. of Col. -	-	10.0	55.9	
		28	29	







LONDON:  
PRINTED FOR HER MAJESTY'S STATIONERY OFFICE  
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1899.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

Printed under the Superintendence of Her Majesty's Stationery Office,  
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No. 50. 1899. VOL. LX.]      WEEK ENDING SATURDAY, DEC 16.      [Price 1½d.

General Register Office, Somerset House,  
December 18th, 1899.

## THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 22·0 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Nov. 25.	Dec. 2.	Dec. 9.	Dec. 16.		Nov. 25.	Dec. 2.	Dec. 9.	Dec. 16.
33 Great Towns	19·3	18·9	20·8	22·0	Leicester - -	19·3	21·5	21·0	22·7
Birkenhead -	24·5	16·3	16·8	14·0	Liverpool - -	24·8	23·8	25·9	26·5
Birmingham -	24·0	19·1	16·9	22·6	London - - -	17·5	19·4	22·4	23·8
Blackburn - -	21·6	14·3	20·8	17·0	Manchester - -	19·5	18·5	20·8	18·8
Bolton - - -	18·0	15·4	18·0	16·7	Newcastle-on-Tyne	19·2	19·6	21·0	19·4
Bradford - - -	16·3	16·8	19·9	20·5	Norwich - - -	16·6	14·7	13·4	16·6
Brighton - - -	20·3	22·9	21·6	20·7	Nottingham - -	19·8	16·1	14·4	19·4
Bristol - - -	20·0	18·0	19·5	21·3	Oldham - - -	18·0	18·7	13·5	19·4
Burnley - - -	18·9	15·2	15·7	16·6	Plymouth - - -	15·0	24·9	26·4	27·5
Cardiff - - -	15·2	16·3	14·3	19·9	Portsmouth - -	23·5	16·9	23·0	30·3
Croydon - - -	13·5	11·4	13·1	20·0	Preston - - -	29·7	19·9	25·3	25·7
Derby - - - -	13·2	15·7	21·1	14·7	Salford - - - -	24·4	21·3	21·7	23·4
Gateshead - -	18·1	15·2	21·5	16·1	Sheffield - - -	22·7	21·8	19·9	21·4
Halifax - - -	14·4	20·8	21·3	17·6	Sunderland - -	18·3	17·5	17·5	20·1
Huddersfield -	12·1	13·6	17·1	9·6	Swansea - - -	16·1	15·1	20·1	24·6
Hull - - - - -	28·0	25·2	23·4	22·3	West Ham - - -	16·8	16·7	16·5	15·8
Leeds - - - -	20·9	14·4	18·2	20·4	Wolverhampton	20·0	14·1	22·9	24·1

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Huddersfield and in Gateshead, 1·1 in Halifax, in Bradford, and in Hull, 1·2 in Liverpool, 1·4 in Sheffield, 1·8 in Birkenhead, 2·0 in Swansea, and 3·1 in Preston; from *scarlet fever*, 1·1 in Bradford; from *whooping-cough*, 1·0 in Leicester, 1·2 in Blackburn, and 1·4 in Norwich and in Salford. In none of the thirty-three towns did the death-rate from "*fever*," or from *diarrhoea* reach 1·0 per 1000. The 124 deaths from *diphtheria* included 55 in London, 16 in Leeds, 11 in Sheffield, 8 in Portsmouth, 5 in Leicester, 5 in Liverpool, 4 in Norwich, 3 in Brighton, and 3 in Birmingham. Twelve deaths from *small-pox* were registered in Hull and 1 in London, but not one in any other of the thirty-three towns.

### LONDON.

In LONDON† 2269 BIRTHS and 2078 DEATHS were registered. Allowing for increase of population, the births were 350 below, and the deaths 313 above, the average numbers in the corresponding weeks of the last ten

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Ordinary Register, or to other areas to which they belong.



years. The annual death-rate per 1000 from all causes, which had been 17·5, 19·4, and 22·4 in the preceding three weeks, further rose last week to 23·8. During the four weeks ending on Saturday last the death-rate averaged 20·8 per 1000, being 0·9 per 1000 above the mean rate in the corresponding periods of the ten years 1889-98.

The 2078 deaths included 1 from small-pox, 57 from measles, 9 from scarlet fever, 55 from diphtheria, 36 from whooping-cough, 13 from enteric fever, 14 from diarrhœa and dysentery, and not one death from typhus, from any ill-defined form of continued fever, or from cholera; thus, 185 deaths were referred to these diseases, being 22 below the corrected average weekly number.

The death from *small-pox* was that of a man aged 24 years, who had been removed from Whitechapel sanitary area to the Metropolitan Asylum Hospital Ship "Atlas" off Dartford. The deaths from *measles*, which had been 44, 43, and 59 in the preceding three weeks, fell again last week to 57, the corrected average being 58; 7 cases belonged to Battersea, 5 to Whitechapel, 4 to Islington, 4 to Wandsworth, and 4 to Camberwell sanitary areas. The deaths from *scarlet fever*, which had been 13, 8, and 15 in the preceding three weeks, fell again last week to 9, and were 11 below the corrected average; 2 cases belonged to Shoreditch sanitary area. The deaths from *diphtheria*, which had been 43, 52, and 43 in the preceding three weeks, rose again last week to 55, which is also the corrected average; 8 cases belonged to Camberwell, 6 to Bermondsey, 5 to Islington, 4 to Greenwich, 3 to Bethnal Green, 3 to Poplar, 3 to St. George Southwark, and 3 to Battersea sanitary areas. The deaths from *whooping-cough*, which had been 16, 15, and 20 in the preceding three weeks, further rose last week to 36, but were 4 below the corrected average; 5 cases belonged to Hackney and 4 to Poplar sanitary areas. The fatal cases of *enteric fever*, which had been 29, 26, and 29 in the preceding three weeks, fell again last week to 13, and were 6 below the corrected average; 2 cases belonged to Bethnal Green and 2 to Limehouse sanitary areas. The deaths from *diarrhœa*, which had been 10, 7, and 14 in the preceding three weeks, were again 14 last week, this number being also the corrected average. The deaths referred to diseases of the respiratory organs, which had been 350, 430, and 548 in the preceding three weeks, further rose last week to 646, and were 208 above the corrected average. The deaths attributed directly to *influenza* numbered 38, having been 12, 17, and 42 in the preceding three weeks.

Different forms of violence caused 81 deaths, concerning all but 2 of which inquests were held. Of these 81 deaths, 8 were cases of suicide, while the remaining 73 were attributed to accident or negligence. Eight of these were referred to vehicles in the streets, 11 to burns and scalds, and 22 (of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 3084 cases of scarlet fever, 1720 of diphtheria, and 452 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 180 cases, against 293, 294, and 277; of diphtheria, 218 cases, against 266, 212, and 237; and of enteric fever, 50 cases, against 54, 69, and 65.

#### GREATER LONDON.

In Greater London 3273 births and 2680 deaths were registered, corresponding to annual rates of 26·1 and 21·4 per 1000 of the estimated population. In the Outer Ring 6 deaths from measles, 5 from scarlet fever, 18 from diphtheria, 8 from whooping-cough, 9 from "fever," and 2 from diarrhœa were registered. Eleven deaths from diphtheria, 6 from whooping-cough, and 4 from "fever" occurred in West Ham District.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·70 inches, and that of the Thermometer 29°·9; the latter being 10°·1 below the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 49 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 7·4 hours; the measured rainfall amounted to 0·05 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases, the diagnosis is found after sojourn in the Hospital to have been erroneous.

CITIES AND BOROUGHES.	Colts.	to the Week's Deaths.																		Mean.		In Cent.	In Inches.	Colts.			
		BIRTHS.		DEATHS.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhoid.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unrecorded Causes of Death.	From All Causes.	From Diseases in Colic, &c.	Highest.				Lowest.	Fahrenheit.	Centigrade.
		2.	3.	4.	5.																						
estimated to the middle of the Year 1895.*	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Colts.		
38 TOWNS	11,404,408	5905	4820	1064	1272	13	143	38	124	86	49	48	199	438	1058	52	220	273	450	130	292	156	024	061	33 TOWNS.		
LONDON	4,546,752	2289	2078	427	608	1	57	9	55	36	13	14	81	202	577	6	238	21	418	193	289	117	005	013	LONDON.		
WEST HAM	300,241	180	91	32	16	-	1	-	2	3	2	-	3	7	11	2	158	14	-	-	-	-	-	-	WEST HAM.		
CROYDON	127,759	52	49	10	15	-	-	-	-	1	-	-	-	3	9	-	200	04	432	140	281	216	002	005	CROYDON.		
BRIGHTON	123,226	51	49	6	14	-	-	-	3	2	2	-	2	3	9	-	207	21	450	240	328	044	010	025	BRIGHTON.		
PORTSMOUTH	190,741	106	111	22	41	-	-	-	8	2	-	-	7	8	12	1	303	33	450	220	330	056	025	063	PORTSMOUTH.		
PLYMOUTH	100,637	55	53	10	20	-	-	-	1	1	-	1	1	4	2	-	275	10	-	-	-	-	-	-	PLYMOUTH.		
BRISTOL	320,911	172	131	36	39	-	-	-	1	1	1	1	4	12	17	3	213	08	430	160	284	200	070	178	BRISTOL.		
CARDIFF	185,828	84	71	21	15	-	3	-	-	-	-	-	-	6	14	-	199	08	-	-	-	-	-	-	CARDIFF.		
SWANSEA	103,722	50	49	10	11	-	4	-	-	-	-	-	1	1	8	1	246	25	-	-	-	-	-	-	SWANSEA.		
WOLVERHAMPTON	88,821	60	41	13	14	-	-	-	-	1	1	-	2	9	11	-	241	12	380	138	267	295	040	102	WOLVERHAMPTON.		
BIRMINGHAM	514,956	308	223	59	49	-	9	-	3	5	7	6	16	19	52	3	226	30	-	-	-	-	027	069	BIRMINGHAM.		
NORWICH	113,266	51	36	7	15	-	-	-	4	3	-	-	1	5	-	-	166	32	376	130	271	272	-	-	NORWICH.		
LEICESTER	213,851	115	93	26	24	-	2	3	5	4	1	1	1	7	16	-	227	39	-	-	-	-	-	-	LEICESTER.		
NOTTINGHAM	239,384	125	89	20	26	-	1	3	1	-	2	3	-	4	12	1	194	22	362	160	283	205	027	069	NOTTINGHAM.		
DERBY	106,401	56	30	3	10	-	1	-	-	-	-	-	1	1	9	-	147	05	-	-	-	-	-	-	DERBY.		
BIRKENHEAD	115,162	60	31	10	6	-	4	-	-	-	1	-	1	3	5	-	140	23	-	-	-	-	-	-	BIRKENHEAD.		
LIVERPOOL	634,212	389	322	76	64	-	14	4	5	11	5	5	17	24	85	11	265	36	391	206	390	111	000	000	LIVERPOOL.		
BOLTON	162,221	85	52	17	17	-	5	2	1	2	1	4	14	22	46	2	188	12	-	-	-	-	-	-	BOLTON.		
MANCHESTER	543,902	287	196	36	46	-	5	2	1	6	1	1	3	8	17	-	234	29	-	-	-	-	-	-	MANCHESTER.		
SALFORD	218,244	139	98	27	13	-	3	1	1	6	-	2	2	5	2	-	194	14	-	-	-	-	-	-	SALFORD.		
OLDHAM	150,772	72	56	13	10	-	-	-	2	-	-	1	4	9	3	1	166	18	-	-	-	-	-	-	OLDHAM.		
BURNLEY	113,081	57	36	8	7	-	-	-	1	3	-	1	4	9	3	1	170	19	-	-	-	-	-	-	BURNLEY.		
BLACKBURN	135,154	56	44	7	14	-	1	1	1	3	-	2	2	3	4	-	257	58	-	-	-	-	-	-	BLACKBURN.		
PRESTON	117,622	62	58	16	12	-	7	1	2	-	1	2	2	2	4	7	2	257	58	-	-	-	-	-	PRESTON.		
HUDDESFIELD	103,464	37	19	3	5	-	2	-	-	1	1	-	-	-	3	1	96	20	402	185	288	178	037	094	HUDDESFIELD.		
HALIFAX†	97,721	30	33	8	12	-	2	-	1	-	-	1	-	1	5	-	176	21	-	-	-	-	-	-	HALIFAX.†		
BRADFORD†	236,241	72	93	9	30	-	5	5	-	-	-	1	6	9	20	-	205	26	354	216	295	139	009	023	BRADFORD.†		
LEEDS	423,880	208	166	30	30	-	2	1	16	5	5	-	7	22	21	-	204	36	-	-	-	-	-	-	LEEDS.		
SHEFFIELD	361,169	193	148	35	36	-	10	2	11	1	3	2	5	8	18	8	214	40	-	-	-	-	-	-	SHEFFIELD.		
HULL	234,270	147	100	20	26	-	12	5	1	-	-	1	1	6	9	27	8	223	42	380	190	283	205	037	094	HULL.	
SUNDERLAND	145,613	104	56	17	7	-	5	1	-	-	-	1	1	2	7	1	201	07	-	-	-	-	-	-	SUNDERLAND.		
GATESHEAD	106,562	72	33	11	7	-	2	-	-	-	-	-	-	4	-	-	161	10	-	-	-	-	-	-	GATESHEAD.		
NEWCASTLE	228,625	121	85	19	13	-	1	1	1	1	-	-	6	11	14	-	194	11	-	-	-	-	-	-	NEWCASTLE.		

\* See note \* on first page of this return.

The recent extension of the Borough of Halifax, and of the Borough of Bradford, will not be taken into account in the Weekly Returns until 1900.



TABLE 2. LONDON.—Births and Deaths Registered in the FIFTIETH Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	2535	2293	2625	2451	2474	2597	2219	2555	2623	2519	2618.9	2261
Males - -	1323	1144	1357	1233	1264	1247	1171	1342	1292	1309	1334.4	1195
Females - -	1212	1149	1268	1218	1210	1350	1048	1213	1331	1210	1284.5	1066
<b>TOTAL Deaths</b>	1768	1787	1449	1589	2400	1550	1477	1539	1796	1423	1765.3	2071
Males - -	901	910	748	824	1165	780	759	789	910	734	896.5	1041
Females - -	867	877	701	765	1235	770	718	750	886	689	868.8	1030

\* The numbers in this column are the average weekly numbers in the fiftieth week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Sept. 23.	Sept. 30.	Oct. 7.	Oct. 14.	Oct. 21.	Oct. 28.	Nov. 4.	Nov. 11.	Nov. 18.	Nov. 25.	Dec. 2.	Dec. 9.	Dec. 16.
<b>TOTAL Births</b>	-	2531	2399	2540	2549	2529	2495	2613	2711	2674	2556	2439	2339
<b>TOTAL Deaths</b>	-	1649	1456	1564	1637	1567	1844	1626	1506	1528	1526	1695	1957
<b>Ages at Death</b>													
Under 1 year - -	-	502	379	350	333	318	376	352	334	355	331	388	406
1-5 years - -	-	188	159	172	182	159	203	197	215	180	226	209	247
5-20 " - -	-	106	80	86	89	92	118	86	116	93	94	74	117
20-40 " - -	-	204	173	219	238	222	269	206	218	214	193	227	225
40-60 " - -	-	309	330	339	330	342	391	363	280	318	305	351	405
60-80 " - -	-	269	280	316	378	352	391	359	274	300	312	349	446
80 years and upwards	-	71	55	73	87	82	96	83	69	68	65	97	111
<b>Deaths from—</b>													
Small pox - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles - -	-	17	15	21	20	26	34	42	29	44	43	59	57
Scarlet Fever - -	-	8	9	7	9	6	14	7	14	6	13	8	15
Diphtheria - -	-	42	44	55	56	60	59	39	68	56	43	52	43
Whooping-cough - -	-	19	23	10	10	6	10	14	11	9	16	15	20
Typhus - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever - -	-	24	19	19	21	15	40	29	51	55	29	26	29
Simple Continued Fever - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery - -	-	162	81	58	49	25	17	22	13	20	10	7	14
Cholera - -	-	6	2	2	-	-	1	1	-	-	-	-	-
<b>All the above Diseases</b>	-	278	193	167	165	138	177	145	199	175	155	151	180
<b>Dis. of Respiratory System—</b>													
Phthisis - -	-	138	156	215	275	306	477	418	325	324	350	430	548
Dis. of Circulatory System - -	-	139	157	173	180	203	203	157	133	141	153	177	180
Violence - -	-	134	124	167	170	139	173	122	107	148	141	143	165
Inquest Cases - -	-	71	57	71	75	79	63	54	75	57	61	68	76
Deaths in Public Institutions - -	-	147	135	148	144	153	185	122	144	134	154	155	188
<b>TEMPERATURE OF THE AIR.</b>													
Mean - -	-	54.6	52.1	49.3	47.3	47.4	51.3	53.2	50.9	49.9	45.5	45.3	41.9
Mean of Highest readings - -	-	63.5	61.0	56.6	58.9	56.6	57.4	59.1	56.2	51.3	49.0	50.5	46.6
Mean of Lowest readings - -	-	48.2	45.5	42.6	36.2	39.4	45.9	47.1	45.4	39.9	40.6	39.4	33.7
<b>Humidity of the Air</b>	-	68	76	83	82	82	90	83	78	84	80	82	87
<b>Rain-fall (in inches)</b>	-	0.36	1.01	0.50	0.12	0.00	1.30	1.81	2.33	0.00	0.00	0.29	0.46
<b>Registered Sunshine (in hours)</b>	-	38.3	32.5	12.2	38.9	43.3	7.8	22.5	20.9	8.4	0.0	8.2	10.0
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - -	-	-	-	-	-	-	-	-	1	1	1	1	-
Scarlet Fever - -	-	2758	2836	3003	3217	3408	3504	3539	3564	3578	3503	3445	3290
Diphtheria - -	-	1474	1487	1519	1595	1659	1700	1715	1892	1736	1761	1735	1730
Enteric Fever - -	-	235	252	275	308	331	342	407	426	443	448	461	452

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.; B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak Hull.



TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTIETH Week of the Year 1899.

USES OF DEATH	Corrected Averages for the 50th Week of the 10 years 1889-98*.	In the Week ending Saturday, 16th December 1899.								CAUSES OF DEATH	Corrected Averages for the 50th Week of the 10 years 1889-98*.	In the Week ending Saturday, 16th December 1899.																	
		Deaths of Persons of the Ages										Deaths of Persons of the Ages																	
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.										
			0-1.	1-5.	5-20.								0-1.	1-5.	5-20.														
USES - - - - -	1765.3	2078	427	251	110	256	426	476	132	Diseases of Circulatory System - - - - -	152.2	172	2	-	9	21	63	73	4	Diseases of Circulatory System - - - - -	152.2	172	2	-	9	21	63	73	4
(Vaccinated) - - - - -	-	1	-	-	-	1	-	-	-	Croup - - - - -	5.8	1	-	1	-	-	-	-	-	Croup - - - - -	5.8	1	-	1	-	-	-	-	-
(Unvaccinated) - - - - -	0.2	-	-	-	-	-	-	-	-	Bronchitis - - - - -	258.9	392	111	37	2	7	63	132	40	Bronchitis - - - - -	258.9	392	111	37	2	7	63	132	40
No Statement - - - - -	0.2	-	-	-	-	-	-	-	-	Pneumonia - - - - -	131.2	200	56	46	5	27	37	23	6	Pneumonia - - - - -	131.2	200	56	46	5	27	37	23	6
Fever - - - - -	58.2	57	12	41	3	-	1	-	-	Pleurisy - - - - -	5.7	13	-	1	2	2	5	3	-	Pleurisy - - - - -	5.7	13	-	1	2	2	5	3	-
ing Fever - - - - -	19.7	9	1	5	2	1	-	-	-	Other Diseases of Respiratory System - - - - -	36.2	40	9	2	-	3	12	12	2	Other Diseases of Respiratory System - - - - -	36.2	40	9	2	-	3	12	12	2
za - - - - -	0.1	-	-	-	-	-	-	-	-	Dentition - - - - -	11.3	8	6	2	-	-	-	-	-	Dentition - - - - -	11.3	8	6	2	-	-	-	-	-
ing-cough - - - - -	28.1	38	1	1	2	4	7	18	5	Quinsy, Sore Throat - - - - -	2.0	2	-	-	-	-	-	-	-	Quinsy, Sore Throat - - - - -	2.0	2	-	-	-	-	-	-	-
eria - - - - -	40.1	36	9	27	-	-	-	-	-	Enteritis - - - - -	8.8	8	3	-	1	1	2	1	-	Enteritis - - - - -	8.8	8	3	-	1	1	2	1	-
Continued and - - - - -	55.2	55	3	32	19	1	-	-	-	Gastro-enteritis - - - - -	12.4	18	12	2	1	1	2	-	-	Gastro-enteritis - - - - -	12.4	18	12	2	1	1	2	-	-
efined Fever - - - - -	0.1	-	-	-	-	-	-	-	-	Peritonitis - - - - -	6.7	4	-	-	1	3	-	-	-	Peritonitis - - - - -	6.7	4	-	-	1	3	-	-	-
ea and Chol. Diarr. - - - - -	19.3	13	-	-	3	7	3	-	-	Diseases of Liver - - - - -	26.4	29	2	2	2	2	11	8	2	Diseases of Liver - - - - -	26.4	29	2	2	2	2	11	8	2
ea, Dysentery - - - - -	0.1	14	11	-	-	-	1	2	-	Other Diseases of Digestive System - - - - -	30.1	23	4	1	3	8	3	4	-	Other Diseases of Digestive System - - - - -	30.1	23	4	1	3	8	3	4	-
ent Fever - - - - -	14.0	-	-	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands - - - - -	2.3	2	-	-	-	1	1	-	-	Diseases of Lymphatic System & of Ductless Glands - - - - -	2.3	2	-	-	-	1	1	-	-
phobia - - - - -	-	-	-	-	-	-	-	-	-	Diseases of Urinary System - - - - -	50.0	51	-	1	4	8	19	19	3	Diseases of Urinary System - - - - -	50.0	51	-	1	4	8	19	19	3
rs - - - - -	-	-	-	-	-	-	-	-	-	Diseases of Generative System - - - - -	6.0	5	-	-	-	1	3	1	-	Diseases of Generative System - - - - -	6.0	5	-	-	-	1	3	1	-
x and Effects of - - - - -	0.4	-	-	-	-	-	-	-	-	Accidents of Childbirth - - - - -	5.2	6	-	-	-	5	1	-	-	Accidents of Childbirth - - - - -	5.2	6	-	-	-	5	1	-	-
nation - - - - -	8.9	11	4	2	-	2	3	-	-	Diseases of Locomotive System - - - - -	4.8	5	-	-	1	2	1	-	1	Diseases of Locomotive System - - - - -	4.8	5	-	-	1	2	1	-	1
al Affections - - - - -	7.5	3	1	-	-	1	-	1	-	Diseases of Integumentary System - - - - -	6.6	6	1	-	-	-	2	2	1	Diseases of Integumentary System - - - - -	6.6	6	1	-	-	-	2	2	1
elas - - - - -	2.1	2	-	-	1	-	-	-	-	VIOLENT DEATHS.†	-	-	-	-	-	-	-	-	-	VIOLENT DEATHS.†	-	-	-	-	-	-	-	-	-
ea and Septicæmia - - - - -	6.3	2	-	-	-	-	-	-	-	(ACCIDENT.)	-	-	-	-	-	-	-	-	-	(ACCIDENT.)	-	-	-	-	-	-	-	-	-
ral Fever - - - - -	1.8	2	1	-	-	1	-	-	-	By Railways - - - - -	-	4	-	-	-	-	1	3	-	By Railways - - - - -	-	4	-	-	-	-	1	3	-
Zymotic Diseases - - - - -	-	-	-	-	-	-	-	-	-	By Vehicles or Horses - - - - -	-	8	-	1	1	1	4	1	-	By Vehicles or Horses - - - - -	-	8	-	1	1	1	4	1	-
- - - - -	1.1	-	-	-	-	-	-	-	-	In Ships, Boats, Docks, (exclusive of Drowning) - - - - -	-	1	1	-	-	-	1	-	-	In Ships, Boats, Docks, (exclusive of Drowning) - - - - -	-	1	1	-	-	-	1	-	-
and other Para- Diseases - - - - -	0.3	-	-	-	-	-	-	-	-	In Building Operations - - - - -	-	1	-	-	-	-	1	-	-	In Building Operations - - - - -	-	1	-	-	-	-	1	-	-
- - - - -	1.4	2	2	-	-	-	-	-	-	In Conflagrations - - - - -	-	1	-	-	-	-	-	-	-	In Conflagrations - - - - -	-	1	-	-	-	-	-	-	-
tion, Want of - - - - -	9.3	14	-	-	-	8	5	1	-	By Burns, Scalds, Explosions - - - - -	60.5	11	-	5	5	1	-	-	-	By Burns, Scalds, Explosions - - - - -	60.5	11	-	5	5	1	-	-	-
st-milk - - - - -	-	-	-	-	-	-	-	-	-	By Drowning - - - - -	-	2	-	-	1	-	1	-	-	By Drowning - - - - -	-	2	-	-	1	-	1	-	-
tism - - - - -	-	-	-	-	-	-	-	-	-	By Suffocation in Bed - - - - -	-	22	22	-	-	-	-	-	-	By Suffocation in Bed - - - - -	-	22	22	-	-	-	-	-	-
- - - - -	9.5	9	-	-	4	3	1	1	-	By Poisons or Poisonous Vapours - - - - -	-	2	-	-	-	-	2	-	-	By Poisons or Poisonous Vapours - - - - -	-	2	-	-	-	-	2	-	-
matism of Heart - - - - -	2.1	6	3	3	-	-	-	-	-	Other or not stated causes - - - - -	-	22	2	1	3	1	4	6	-	Other or not stated causes - - - - -	-	22	2	1	3	1	4	6	-
atism - - - - -	2.8	3	-	-	-	-	-	-	-	(VIOLENCE OTHER THAN ACCIDENTAL.)	-	-	-	-	-	-	-	-	-	(VIOLENCE OTHER THAN ACCIDENTAL.)	-	-	-	-	-	-	-	-	-
- - - - -	5.2	5	3	2	-	-	-	-	-	Homicide - - - - -	1.2	-	-	-	-	-	-	-	-	Homicide - - - - -	1.2	-	-	-	-	-	-	-	-
esenterica - - - - -	71.6	79	-	-	-	3	28	42	6	Suicide - - - - -	6.8	8	-	-	-	4	-	2	-	Suicide - - - - -	6.8	8	-	-	-	4	-	2	-
ular Meningitis - - - - -	16.6	6	3	3	-	-	-	-	-	Execution - - - - -	-	-	-	-	-	-	-	-	-	Execution - - - - -	-	-	-	-	-	-	-	-	-
ular Meningitis - - - - -	21.6	15	2	9	4	-	-	-	-	OTHER CAUSES - - - - -	49.0	44	43	-	-	-	1	-	-	OTHER CAUSES - - - - -	49.0	44	43	-	-	-	1	-	-
ea, Tuberculosis - - - - -	16.1	225	4	14	105	32	18	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Constitutional - - - - -	16.6	22	4	10	4	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ases - - - - -	13.9	17	-	-	1	4	5	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ture Birth - - - - -	49.0	55	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
asis - - - - -	3.7	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ital Malforma-}	6.9	6	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e - - - - -	56.1	72	-	-	-	-	-	33	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
xy - - - - -	48.1	71	-	-	-	3	22	37	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
sy - - - - -	6.3	11	-	-	-	2	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
elions - - - - -	34.6	32	29	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Diseases of Brain - - - - -	89.5	59	3	9	3	7	13	17	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nervous System - - - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
es of Organs of - - - - -	3.6	13	2	1	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
al Sense - - - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

By those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the death is not certified by a registered practitioner, the case is returned under the heading "no statement," in the absence of evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of murder, manslaughter or suicide. All such causes are classed under "accident."

TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered in SUB-DISTRICT during the Week ending Saturday, 16th December, 1899.

REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total Births.	The DEATHS registered during the Week include												
			Total Deaths.	Deaths of			Deaths from								
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhœa.	Violence.
LONDON -	4,411,710	2,269	2,078	427	608	1	57	9	55	36	-	13	-	14	81
WEST DISTRICTS	778,251	383	377	82	118	-	11	4	7	5	-	4	-	2	14
NORTH DISTRICTS	1,040,694	491	440	91	134	-	9	2	10	8	-	1	-	2	31
CENTRAL DISTRICTS	233,635	93	100	21	18	-	-	-	-	-	-	-	-	1	17
EAST DISTRICTS	716,334	435	373	95	83	-	14	-	2	10	-	4	-	2	25
SOUTH DISTRICTS	1,612,796	867	757	138	243	-	23	1	36	10	-	4	-	2	62
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*	-	-	31	-	12	1	-	2	-	-	-	-	-	-	-
WEST DISTRICTS.															
St. Mary Paddington } G. & W.	99,996	51	41	12	12	-	1	-	1	1	-	-	-	-	5
St. John Paddington } H - - G.	33,510	9	10	2	1	-	-	1	-	-	-	-	-	-	-
Kensington Town } Ww - - W.	122,164	51	74	12	26	-	3	-	-	-	-	-	-	-	2
Brompton } HH- - W. & C.	48,301	10	16	1	5	-	-	-	-	-	-	-	-	-	1
North Hammersmith } H } W. & G }	44,638	25	12	5	3	-	-	-	1	-	-	1	-	-	-
South Hammersmith } H } W. & G }	59,561	21	38	3	18	-	1	-	1	-	-	-	-	-	1
Fulham } Ww - - W. & C.	113,781	88	65	20	16	-	2	2	3	-	-	1	-	1	3
Chelsea Kensal Town - - C.	21,450	18	10	3	3	-	-	-	-	-	-	-	-	-	-
Chelsea North } WHHHH - - C.	42,057	26	15	4	2	-	-	1	1	-	-	-	-	-	2
Chelsea South } HH - - C.	33,139	17	18	4	9	-	-	-	-	-	-	-	-	-	-
May Fair } W - - - G.	23,827	9	15	3	9	-	-	-	1	-	-	-	-	-	1
Belgrave } WHHH - - C.	56,140	29	22	3	6	-	1	-	-	2	-	-	1	1	1
St. John Westminster } HH - - C.	31,492	17	17	6	4	-	1	-	-	-	2	-	-	1	4
St. Margaret Westminster } H- C.	22,097	5	9	1	-	-	-	-	-	-	-	-	-	1	1
St. James Westminster } WH - - N. & G.	23,050	4	9	2	3	-	1	1	-	-	-	-	-	-	2
St. Anne Soho } HHHHH - - N.	12,048	3	6	1	1	-	1	-	-	-	-	-	-	-	1
NORTH DISTRICTS.															
All Souls Marylebone } - - W.	36,595	12	21	1	8	-	2	-	-	-	-	-	-	1	4
Rectory Marylebone } W } G. & W.	19,798	9	7	-	4	-	1	-	-	-	-	-	-	-	-
St. Mary Marylebone } } G. & W.	19,637	40	8	3	-	-	-	-	-	-	-	-	-	-	1
Christchurch Marylebone } H - W	32,547	13	13	4	6	-	-	-	-	-	-	-	-	-	-
St. John Marylebone } HH - W.	32,611	8	7	3	1	-	-	-	1	-	-	-	-	-	1
Hampstead } WwHHHH - - N. & W.	75,449	23	27	3	8	-	-	1	5	-	-	-	-	1	2
Regent's Park Pancras } HH - W.	37,341	10	17	-	5	-	-	-	-	-	-	-	-	-	-
Tottenham-court } WHHHHH - - N. & W.	26,757	9	14	-	2	-	1	-	-	-	-	-	-	1	3
Gray's Inn Lane } HHHH - - N.	29,426	16	10	5	3	-	-	-	-	-	-	-	-	2	3
Somers Town } HH - - N.	32,161	16	13	5	1	-	1	-	-	-	-	-	-	1	3
Camden Town } WH - - N.	16,669	8	15	3	6	-	-	-	-	-	-	-	-	-	1
Kentish Town } WW - - N.	93,410	42	44	11	10	-	-	-	1	1	-	-	-	2	3
Upper Holloway } WWWWwHH - - N.	98,273	41	84	11	35	-	2	-	1	-	-	-	-	3	8
Islington South-west } H - - N.	107,365	66	35	14	6	-	1	-	-	-	-	-	-	1	2
Islington South-east } - - N.	66,549	38	27	4	8	-	1	-	1	-	-	-	-	3	6
Highbury } HH - - N.	64,577	25	12	-	7	-	1	-	-	-	1	-	-	-	2
Stoke Newington } H - - N.	33,485	17	15	5	3	-	-	-	-	-	-	-	-	1	1
North Hackney } - - E. & N.	-	-	15	4	6	-	-	-	-	-	-	-	-	-	-
Central Hackney } ww - - E. & N.	-	-	21	14	4	-	-	-	3	1	-	-	-	-	-
South-west Hackney } HHH - - E. & N.	213,044	23	16	5	4	-	-	-	-	-	-	-	-	-	3
South-east Hackney } WwH - - E. & N.	-	35	26	6	6	-	-	-	-	4	-	-	-	1	1

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated the name: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which pauper received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G, sign Grand Junction Company; W, West Middlesex; C, Chelsea; S, Southwark and Vauxhall; L, Lambeth; N, River; E, East London; and K, the Kent Company.

\* See note † on first page of this Return.  
† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899 and re-named North Hammersmith and South Hammersmith, respectively.

5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 16th December, 1899—continued.

REGISTRATION SUB-DISTRICTS		Enu- mer- ated Popu- lation 1896.	Total BIRTHS.	The DEATHS registered during the Week include															Deaths in Public Institutions	Un- certified Causes of Death.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				Total DEATHS	Deaths of		Deaths from																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence	Inquest Cases																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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Sub-Districts of St. George Bloomsbury and St. Giles South were united on 1st November 1899, and re-named Bloomsbury and St. Giles South.

† Population in 1891, not included in the total population of the Central Districts or of London.

‡ The Sub-Districts of St. Botolph and Broad Street were united on 1st September 1899.

St. Botolph Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.



TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in SUB-DISTRICT during the Week ending Saturday, 16th December, 1899—continued.

REGISTRATIONS SUB-DISTRICTS		Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	The DEATHS registered during the Week include														Inquest Cases.	
					Deaths of		Deaths from													
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.				
SOUTH DISTRICTS.																				
Christchurch Southwark	WHL & S.	13,064	7	5	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Saviour Southwark	- S.	12,301	5	1	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Kent-road	- S. & L.	22,879	14	8	1	2	-	1	-	1	-	-	-	-	-	-	-	-	-	-
Borough-road	WH - S. & L.	16,083	10	13	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London-road	HL - L. & S.	21,316	9	6	3	2	-	-	-	1	-	1	-	-	-	-	-	-	-	-
Trinity Newington	- S. & L.	28,723	11	11	3	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Peter Walworth	W - S. & L.	62,045	45	26	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary Newington	- L. & S.	30,171	16	11	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Olave	WH - - - S.	11,731	13	24	5	3	-	-	-	-	-	-	-	-	-	-	2	5	2	-
Bermondsey	W - - - S.	85,475	51	30	3	10	-	-	-	1	-	-	-	-	-	-	2	7	-	-
Rotherhithe	Ww - - S. & K.	40,379	21	26	2	9	-	-	-	2	-	-	1	-	-	-	-	-	-	1
Waterloo-road	HH - L. & S.	28,396	25	8	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Lambeth Church 1st	H - L. & S.	18,770	11	14	2	6	-	-	-	1	-	-	-	-	-	-	1	1	2	-
Lambeth Church 2nd	WW - L. & S.	40,394	21	41	8	15	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Kennington 1st	H - S. & L.	52,486	25	21	4	9	-	-	-	1	-	1	-	-	-	-	-	-	-	-
Kennington 2nd	- S. & L.	43,244	23	20	3	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brixton	w - L. & S.	81,825	35	26	2	10	-	-	-	-	-	2	-	-	-	-	-	1	1	-
Norwood	WH - - - L.	29,318	12	16	6	4	-	-	2	-	-	-	-	-	-	-	-	-	-	-
East Battersea	- - - S.	71,730	37	37	12	8	-	6	-	1	-	1	-	-	-	-	-	1	4	-
West Battersea	WwH - - S.	93,385	46	45	6	18	-	1	-	1	-	-	-	-	-	-	-	1	3	-
Clapham	H - - S.	46,953	18	16	3	7	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Wandsworth	WHHL - - S.	58,101	33	20	7	4	-	1	-	-	-	-	-	-	-	-	-	-	3	-
Putney	- - - S.	20,566	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streatham	WwwwwL - - L.	61,644	26	26	6	6	-	2	-	4	-	2	-	-	-	-	-	1	3	-
Dulwich	- - - L. & S.	7,519	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell	Wwll - S. & L.	90,286	40	52	6	19	-	4	-	2	-	-	-	-	-	-	-	1	2	-
Peckham	WW - S., L., & K.	88,242	42	36	6	22	-	-	-	1	-	-	-	-	-	-	-	-	-	-
St. George Camberwell	- L. & S.	67,029	33	25	5	8	-	-	-	-	-	-	-	-	-	-	2	3	-	-
Deptford North	- - - K.	36,152	25	20	8	1	-	-	-	-	-	2	-	-	-	-	1	1	1	-
Deptford Central	w - - K.	45,441	24	21	3	4	-	-	-	6	-	-	-	-	-	-	-	3	1	-
Deptford South	- - - K.	33,402	11	6	2	1	-	-	-	1	-	-	-	-	-	-	-	1	2	-
Greenwich West	H - - K.	23,012	15	13	2	4	-	-	-	-	-	-	-	-	-	-	2	2	2	-
Greenwich East	WH - - K.	37,767	24	19	1	5	-	-	-	1	-	-	-	-	-	-	2	2	-	-
Eltham	wH - - - K.	5,911	3	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lee	H - - - K.	24,222	5	8	2	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lewisham	WwH - - K.	38,139	27	30	6	7	-	-	1	6	-	-	1	-	-	-	-	-	-	1
Sydenham	H - - - L.	37,601	14	14	1	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Charlton	wHH - - K.	15,928	11	9	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Woolwich Dockyard	- - K.	19,355	11	11	3	2	-	-	-	-	4	-	-	-	-	-	-	-	-	-
Woolwich Arsenal	HHHH - K.	21,959	12	12	1	2	-	1	-	-	-	1	-	-	-	-	-	-	2	-
Plumstead West	H - - K.	16,714	9	4	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Plumstead East	WH - - K.	42,538	35	20	3	8	-	-	-	2	-	-	-	-	-	-	-	-	2	-
Banstead Asylum	- - - -	-	-	5	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Horton Asylum, Epsom	- - - -	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caterham Asylum	- - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cane Hill Asylum	- - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hospital Ships and Camp, Dartford	- - - -	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Darenth Asylum	- - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London County Asylum, Dartford	- - - -	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heath	- - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hanwell Asylum	- - - -	-	-	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colney Hatch Asylum	- - - -	-	-	7	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N.E. Hospital	- - - -	-	-	3	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-
Winchmore Hill Hospital	- - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leavesden Asylum	- - - -	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Claybury Asylum	- - - -	-	-	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-

6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 16th December, 1899.

REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- mer- ated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
					Deaths of		Deaths from										
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
LONDON—OUTER RING	363,749	1,422,063	1,004	602	156	176	-	6	5	18	8	9	2	11	41	54	7
Carshalton H	12,228	26,108	17	4	2	2	-	-	-	-	-	-	-	-	-	-	-
Epsom, part of* WwHH	10,423	12,508	5	5	-	1	-	-	-	-	-	-	-	-	-	1	-
Godstone, part of* W	2,754	1,598	-	2	1	1	-	-	-	-	-	-	-	-	-	1	-
Croydon WwHHH	20,851	128,699	60	54	11	15	-	-	-	-	1	1	-	-	5	11	-
Mitcham w	11,697	23,072	7	8	1	5	-	-	-	-	-	-	-	-	-	-	-
Wimbledon HHH	3,220	25,777	19	15	1	4	-	-	-	1	-	-	-	-	-	-	-
Kingston WH	-	33,566	14	13	3	7	-	-	-	-	-	-	-	-	2	3	-
Surbiton H	-	12,178	5	3	3	3	-	-	-	-	-	-	-	-	-	-	-
Esher, part of* HH	-	11,080	4	7	3	2	-	-	-	-	-	-	-	-	-	-	-
Hampton HL	4,565	18,252	10	6	3	1	-	-	-	-	-	-	-	-	-	-	-
Richmond WH	2,160	25,389	7	11	-	7	-	-	-	-	-	-	-	-	1	-	-
Mortlake H	2,823	16,159	12	6	3	2	-	-	-	-	1	-	-	-	1	-	-
Bromley HHH	9,127	23,815	9	3	1	1	-	-	-	-	-	-	-	-	-	-	-
Beckenham H	6,542	21,969	7	8	1	5	-	-	-	-	-	-	-	-	-	-	-
Chislehurst, part of* WHH	14,307	20,372	13	7	3	2	-	-	-	1	-	-	1	-	-	1	-
Bexley HHH	12,540	30,590	32	15	5	3	-	-	1	1	-	-	-	-	1	-	2
Dartford WH, part of*	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-
Sunbury w	11,054	13,671	11	4	2	1	-	-	-	-	-	-	-	-	-	-	-
Staines WH	13,277	13,221	10	3	2	1	-	-	-	-	-	-	-	-	-	-	1
Hillingdon WHH	6,035	12,237	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Uxbridge	12,757	7,253	13	4	-	1	-	-	-	-	-	-	-	-	-	-	-
Hayes wH	7,952	11,051	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Isleworth WHH	6,967	26,004	26	11	3	5	-	-	-	-	-	-	-	-	-	-	-
Twickenham HH	2,415	16,037	5	2	1	-	-	-	-	-	-	-	-	-	-	5	-
Brentford HHHH	4,318	37,777	16	10	2	2	-	-	1	-	-	-	-	-	1	-	-
Chiswick	1,245	21,963	11	6	1	3	-	-	-	-	-	-	-	-	-	-	-
Acton WHH	6,132	30,945	17	9	1	4	-	-	-	-	-	-	-	-	1	-	-
Harrow HHH	13,809	15,715	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Edgware HH	6,994	3,844	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Willesden HHH	4,383	61,265	73	42	10	13	-	-	1	1	-	1	1	-	5	2	-
Hendon WH	8,382	15,843	12	7	4	1	-	-	-	-	-	-	-	-	-	-	-
South Mimms HH	-	6,367	2	2	-	2	-	-	-	-	-	-	-	-	-	1	-
Barnet WHH	21,077	14,152	3	7	2	2	-	-	-	-	-	-	-	-	1	2	-
Finchley HHH	4,688	25,820	18	10	2	4	-	-	-	-	-	-	1	-	1	-	-
Hornsey HH	3,039	61,097	24	20	3	11	-	-	-	-	-	-	-	-	1	-	-
Tottenham HH	4,642	97,174	62	37	7	10	-	-	1	-	-	-	-	-	6	-	-
Edmonton WwW	7,489	36,351	40	18	4	8	-	-	-	1	-	-	-	-	1	-	-
Enfield WWWW	12,602	31,536	20	18	2	4	-	1	-	-	-	2	-	-	1	2	-
Waltham Abbey	11,017	6,066	3	3	-	-	-	-	-	-	-	-	-	-	-	-	2
Cheshunt H	8,480	9,620	7	9	3	2	-	-	1	-	-	-	-	-	-	-	-
Tatfield, part of* W-	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bushey H	9,331	7,737	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-
Watford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stratford H	-	38,612	30	13	7	1	-	-	1	-	-	1	-	1	2	3	-
Uxbridge HHH	-	53,030	76	28	14	2	-	-	1	1	2	-	-	-	1	4	1
Uxbridge HHH	-	54,750	43	23	5	3	-	-	-	1	-	-	-	-	1	-	-
Forest Gate w	-	53,511	51	23	5	9	-	1	-	-	-	-	-	1	3	-	1
East Ham wWH	3,266	32,713	63	25	12	3	-	-	2	-	-	2	-	-	-	-	-
Uxbridge WWWW	4,354	70,188	41	40	15	9	-	-	-	1	1	1	1	1	2	10	-
Uxbridge HHHH	6,501	57,330	67	32	7	5	-	1	-	6	2	-	-	-	-	-	-
Chigwell, part of* HHHH	11,779	12,941	2	4	-	1	-	2	-	-	-	1	-	-	-	-	-
Epping WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Uxbridge, part of* WH	6,556	4,324	7	4	-	2	-	-	-	-	-	-	-	-	-	2	-
Uxbridge	8,493	10,813	10	9	2	3	-	-	-	-	-	-	-	-	-	-	-
Uxbridge Town, H	3,814	14,301	10	4	1	-	-	-	-	1	-	-	-	1	1	-	-
Uxbridge County Asylum, Banstead.	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-

parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring  
 follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warrington  
 in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst  
 sub-district, except the parishes of Ormsley, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in  
 sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping  
 2); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospital for  
 Diseases belonging to the Outer Ring in 42; 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 16th December, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Diseases in Cols. 5-14.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 50 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.		
GREATER LONDON	443,421	6,528,434	21·4	1·9	2680	583	784	1	63	14	73	44	22	16	92		
INNER LONDON -	74,672	4,546,752	23·8	2·1	2078	427	608	1	57	9	55	36	13	14	81		
OUTER RING -	368,749	1,981,682	15·8	1·3	602	156	176	-	6	5	18	8	9	2	11		

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692·845 square miles, which is equivalent to the area of a circle having a radius of 14·851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	
EDINBURGH -	298,927	Dec. 16	148	99	17·3	-	-	2	-	1	2	
GLASGOW -	733,903	" 16	490	312	22·2	-	14	3	2	9	4	
DUBLIN -	349,594	" 16	167	256	38·2	-	23	1	2	3	2	
CALCUTTA -	466,460	Oct. 21	-	294	32·8	-	-	-	1	-	96†	
BOMBAY -	821,764	Nov. 21	313	844	53·4	7	10	?	?	?	215†	
MADRAS -	452,518	" 17	385	355	40·7	-	2	?	?	?	75	
PARIS -	2,511,629	Dec. 9	1129	887	18·3	-	1	4	7*	3	9	
BRUSSELS -	561,130	" 9	260	175	16·2	-	-	1	3*	-	2	
AMSTERDAM -	517,595	" 2	267	136	13·6	-	-	-	-	-	3	
ROTTERDAM -	315,305	" 2	196	103	16·8	-	1	1	2	-	5	
THE HAGUE -	199,285	" 2	101	36	9·3	-	-	-	-	-	-	
COPENHAGEN -	349,000	" 9	198	111	16·6	-	-	2	2	3	1	
STOCKHOLM -	291,580	" 2	145	94	16·8	-	-	-	7*	-	-	
CHRISTIANIA -	221,255	" 9	132	50	11·8	-	1	1	1	-	-	
ST. PETERSBURG	1,132,677	" 2	651	566	26·1	-	22	25	33	7	11	
MOSCOW -	988,610	" 2	-	510	26·9	-	2	8	14	2	5	
BERLIN -	1,818,517	Nov. 25	860	583	16·5	1	7	18	18	3	1	
HAMBURG -	675,351	Dec. 9	-	192	14·8	-	1	2	2*	2	-	
DRESDEN -	397,300	Nov. 25	-	125	16·3	-	2	2	1*	3	-	
BRESLAU -	406,012	Dec. 9	-	162	20·8	-	4	1	5	-	-	
MUNICH -	445,000	" 9	-	202	23·8	-	-	-	3*	1	-	
VIENNA -	1,623,134	" 2	840	540	17·1	-	14	4	9*	1	3	
PRAGUE -	384,632	" 2	177	150	20·2	-	1	5	1	4	5	
BUDA-PESTH -	666,722	" 2	457	249	19·4	-	4	8	2	1	1	
TRIESTE -	166,599	Nov. 25	132	91	28·3	-	1	2	4*	1	2	
ROME -	508,779	" 18	214	162	16·6	-	-	1	2	-	6*	
TURIN (10 days)	344,203	Oct. 20	191	147	15·6	-	-	-	-	-	6	
VENICE -	172,288	Nov. 25	83	88	26·6	-	-	-	8*	-	3	
CAIRO -	570,062	" 11	431	327	29·8	-	-	1	4*	-	3	
ALEXANDRIA -	319,766	" 11	254	156	25·4	-	-	-	1*	-	2	
NEW YORK (including BROOKLYN)	3,550,053	" 11	1522	1095	16·1	-	10	6	37	5	17	
PHILADELPHIA -	1,266,832	Dec. 2	-	-	-	-	-	-	-	-	-	

\* Including deaths from croup.

† Including 26 deaths from plague in Calcutta, and 110 in Bombay.

‡ Including 9 deaths from cholera in Calcutta, and 2 in Bombay.

§ Including 4 deaths from malarial fever.



[illegible]

The results apply to the civil day, or from midnight to midnight. The height of the eastern of the two hills is 100 feet.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level. Observations are usually taken at low water.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are compared with the corresponding means of the aneroid, the dry bulb thermometer, and the wet bulb

thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the thermometer, and the wet bulb thermometer.

the barometer, and during the twenty years ending 1888 for the barometer. With the corrected mean reading of the dry bulb thermometer is thermometers.

combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (average), and

mean daily dew point temperature and degree of humidity are deduced from the mean daily value of temperature of the air (column 8). The daily values of the dry and wet bulb thermometers by Glotchev's thermometers are

The average temperature of the air is that derived from an adiscussion of the observations made at Greenwich during the 50 years ending 1900, and the annual

GENERAL REMARKS.

SUNDAY	-	10	m. P. till evening; s. P. afterwards.	3.0	7.9	Overcast in morning; fine and partially cloudy till evening; overcast afterwards, with slight snow shower at 10h. 30m. P.M. Hear frost and lunar halo in evening.
MONDAY	-	11	m. P. generally; s. P. at night; m. N. at 6h. A.M.	0.0	7.9	Overcast, with occasional gloom till 4h. P.M.; fine afterwards. Snow fell between 6h. and 7h. A.M. Lunar halo and hear frost in evening.
TUESDAY	-	12	s. P. till 2h. A.M.; w. P. generally after- wards.	0.0	7.8	Overcast; frequent slight snow.
WEDNESDAY	-	13	w. P. generally till 11h. A.M.; m. P. till 6h. P.M.; s. P. after- wards.	0.7	7.8	Overcast, with snow in morning; fine and partially cloudy afterwards. Solar halo with faint parhelson observed at noon.
THURSDAY	-	14	s. P. throughout	1.5	7.8	Fine generally till evening; overcast afterwards. Low fog prevalent in early morning.
FRIDAY	-	15	s. P. generally; m. P. in afternoon.	0.0	7.8	Generally overcast; foggy. Great gloom prevalent till evening. Hear frost. Very cold.
SATURDAY	-	16	s. P. till 6h. A.M.; m. P. till evening; s. P. afterwards.	2.2	7.8	Cloudy, with fog and hear frost in morning; very fine afterwards; cloudless, with hear frost at night.
No. of Col.		-		Sum 74	Sum 548	
		-		28	29	

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1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

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December 27th, 1899.*

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 27·5 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Dec. 2.	Dec. 9.	Dec. 16.	Dec. 23.		Dec. 2.	Dec. 9.	Dec. 16.	Dec. 23.
33 Great Towns	18·9	20·8	22·0	27·5	Leicester - -	21·5	21·0	22·7	24·4
Birkenhead -	16·3	16·8	14·0	22·6	Liverpool - -	23·8	25·9	26·5	33·9
Birmingham -	19·1	16·9	22·6	28·6	London - - -	19·4	22·4	23·8	29·9
Blackburn - -	14·3	20·8	17·0	19·7	Manchester - -	18·5	20·8	18·8	23·8
Bolton - - -	15·4	18·0	16·7	23·1	Newcastle-on-Tyne	19·6	21·0	19·4	24·9
Bradford - -	16·8	19·9	20·5	21·0	Norwich - - -	14·7	15·4	16·6	22·1
Brighton - -	22·9	21·6	20·7	35·1	Nottingham - -	16·1	14·4	19·4	25·3
Bristol - - -	18·0	19·5	21·3	25·5	Oldham - - -	18·7	13·5	19·4	21·8
Burnley - - -	15·2	15·7	16·6	19·4	Plymouth - - -	24·9	26·4	27·5	38·9
Cardiff - - -	16·3	14·3	19·9	24·4	Portsmouth - -	16·9	23·0	30·3	42·4
Croydon - - -	11·4	13·1	20·0	22·9	Preston - - -	19·9	25·3	25·7	36·4
Derby - - -	15·7	21·1	14·7	20·1	Salford - - -	21·3	21·7	23·4	26·8
Gateshead - -	15·2	21·5	16·1	21·0	Sheffield - - -	21·8	19·9	21·4	23·0
Halifax - - -	20·8	21·3	17·6	23·5	Sunderland - -	17·5	17·5	20·1	29·4
Huddersfield -	13·6	17·1	9·6	17·6	Swansea - - -	15·1	20·1	24·6	36·7
Hull - - -	25·2	23·4	22·3	23·1	West Ham - - -	16·7	16·5	15·8	20·7
Leeds - - -	14·4	18·2	20·4	18·9	Wolverhampton -	14·1	22·9	24·1	35·2

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Derby and in Liverpool, 1·1 in Cardiff, in Halifax, and in Bradford, 1·3 in Sheffield, 1·7 in Salford, 2·3 in Birkenhead, 2·4 in Hull, and 4·9 in Preston; from *whooping-cough*, 1·0 in Leeds and in Gateshead, 1·2 in Salford, 1·3 in Bolton, 1·7 in Leicester, and 1·8 in Liverpool; from "*fever*," 1·1 in Portsmouth and in Nottingham, and 1·3 in Preston; and from *diarrhoea*, 1·4 in Burnley. In none of the thirty-three towns did the death-rate from *scarlet fever* reach 1·0 per 1000. The 122 deaths from *diphtheria* included 54 in London, 15 in Sheffield, 8 in Leeds, 5 in West Ham, 5 in Portsmouth, 4 in Cardiff, 4 in Manchester, 4 in Birmingham, 4 in Blackburn, 3 in Brighton, 3 in Swansea, 3 in Leicester, and 3 in Bradford. Eight deaths from *small-pox* were registered in Hull, but not one in any other of the thirty-three towns.

#### LONDON.

In LONDON† 2585 BIRTHS and 2607 DEATHS were registered. Allowing for increase of population, the births were 151, and the deaths 816,

\* By "estimated" population is meant merely the number of persons who would be living if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.



above the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 19·4, 22·4, and 23·8 in the preceding three weeks, further rose last week to 29·9. During the four weeks ending on Saturday last the death-rate averaged 23·9 per 1000, being 3·7 per 1000 above the mean rate in the corresponding periods of the ten years 1889-98.

The 2607 deaths included 58 from measles, 11 from scarlet fever, 54 from diphtheria, 31 from whooping-cough, 36 from enteric fever, 12 from diarrhoea and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 202 deaths were referred to these diseases, being 9 below the corrected average weekly number.

The deaths from *measles*, which had been 43, 59, and 57 in the preceding three weeks, were 58 last week, the corrected average being 64; 6 cases belonged to Fulham, 6 to Battersea, 5 to Lambeth, 5 to Wandsworth, and 5 to Greenwich sanitary areas. The deaths from *scarlet fever*, which had been 8, 15, and 9 in the preceding three weeks, rose again last week to 11, but were 9 below the corrected average. The deaths from *diphtheria*, which had been 52, 43, and 55 in the preceding three weeks, were 54 last week, the corrected average being 48; 7 cases belonged to Camberwell, 5 to Lambeth, 4 to Mile End Old Town, 3 to Shoreditch, 3 to Bethnal Green, 3 to Rotherhithe, and 3 to Lewisham sanitary areas. The deaths from *whooping-cough*, which had been 15, 20, and 36 in the preceding three weeks, fell again last week to 31, and were 17 below the corrected average; 5 cases belonged to Poplar and 4 to Bethnal Green sanitary areas. The fatal cases of *enteric fever*, which had been 26, 29, and 13 in the preceding three weeks, rose again last week to 36, and were 20 above the corrected average; 3 cases belonged to Islington, 3 to Hackney, 3 to Newington, and 3 to Wandsworth sanitary areas. The deaths from *diarrhoea*, which had been 7, 14, and 14 in the preceding three weeks, fell again last week to 12, and were 2 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 430, 548, and 646 in the preceding three weeks, further rose last week to 968, and were 506 above the corrected average. The deaths attributed directly to *influenza* numbered 69, having been 17, 42, and 38 in the preceding three weeks.

Different forms of violence caused 107 deaths, concerning all but 3 of which inquests were held. Of these 107 deaths, 12 were cases of suicide, and 1 of homicide, while the remaining 94 were attributed to accident or negligence. Eight of these were referred to vehicles in the streets, 3 to conflagrations, 14 others to burns and scalds, and 23 (including 22 of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 5 cases of small-pox, 2916 of scarlet fever, 1701 of diphtheria, and 420 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 209 cases, against 294, 277, and 180; of diphtheria, 187 cases, against 212, 237, and 218; and of enteric fever, 49 cases, against 69, 65, and 50.

#### GREATER LONDON.

In Greater London 3707 births and 3401 deaths were registered, corresponding to annual rates of 29·6 and 27·2 per 1000 of the estimated population. In the Outer Ring 11 deaths from measles, 5 from scarlet fever, 21 from diphtheria, 3 from whooping-cough, and 10 from "fever," were registered. Thirteen deaths from diphtheria and 7 from "fever" occurred in West Ham District.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·97 inches, and that of the Thermometer 34°·7; the latter being 4°·5 below the week's average in the 50 years 1811-90. The direction of the wind was variable, the horizontal movement of the air being 53 per cent. below the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 0·7 hours; the measured rainfall amounted to 0·03 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases, the diagnosis is found after sojourn in the Hospital to have been erroneous.

AND BOROUGH.	1.	2.	3.	DEATHS.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.	From All Causes.		From Diseases in Colts, 6-12.		Highest.	Lowest.	Fahrenheit.	Centigrade.	In Inches.	In Centi- metres.	CITY AND BOROUGH.		
				BIRTHS.	DEATHS.														17.	18.	19.	20.								21.	22.
33 TOWNS	11,404,408	6784	6916	1138	1919	8	168	44	122	111	89	45	259	539	1257	93	275	26	48.2	21.4	34.7	1.50	0.18	0.46	24.	Cols.	33 TOWNS.	0.18	0.46	24.	Cols.
LONDON	4,546,752	2885	2607	429	947	-	53	11	54	31	36	12	107	203	700	18	279	23	41.0	24.2	31.7	1.50	0.08	0.20	24.	LONDON.	0.08	0.20	24.	LONDON.	
WEST HAM	300,241	192	119	35	28	-	-	1	5	2	5	-	11	17	16	1	207	23	41.0	24.2	-	-	-	-	24.	WEST HAM.	-	-	24.	WEST HAM.	
CROYDON	127,769	51	56	6	26	-	-	-	1	1	1	-	3	6	9	-	229	08	38.9	22.0	33.5	0.83	0.03	0.08	24.	CROYDON.	0.03	0.08	24.	CROYDON.	
BRIGHTON	123,226	66	83	8	36	-	-	-	3	-	1	-	3	6	9	-	351	17	48.2	27.2	36.8	2.07	0.09	0.23	24.	BRIGHTON.	0.09	0.23	24.	BRIGHTON.	
PORTSMOUTH	190,741	103	155	24	72	-	1	1	5	3	4	1	6	13	18	1	424	41	-	-	-	-	-	-	24.	PORTSMOUTH.	-	-	24.	PORTSMOUTH.	
PLYMOUTH	160,637	71	75	12	34	-	-	-	1	-	-	-	-	4	15	-	389	10	-	-	-	-	-	-	24.	PLYMOUTH.	-	-	24.	PLYMOUTH.	
BRISTOL	320,911	202	157	32	50	3	3	1	4	-	-	-	2	12	34	1	255	16	-	-	-	-	-	-	24.	BRISTOL.	-	-	24.	BRISTOL.	
CARDIFF	185,826	113	87	23	19	4	1	4	-	-	-	-	7	10	10	1	244	25	-	-	-	-	-	-	24.	CARDIFF.	-	-	24.	CARDIFF.	
SWANSEA	103,722	56	73	19	21	1	1	-	3	-	-	-	2	4	10	2	367	20	-	-	-	-	-	-	24.	SWANSEA.	-	-	24.	SWANSEA.	
WOLVERHAMPTON	88,821	64	60	18	22	-	-	-	-	-	-	-	2	6	5	-	352	12	38.5	22.1	32.6	0.33	0.33	0.84	24.	WOLVERHAMPTON.	0.33	0.84	24.	WOLVERHAMPTON.	
BIRMINGHAM	514,936	331	282	62	67	-	7	-	4	9	5	3	13	19	67	12	286	28	-	-	-	-	-	-	24.	BIRMINGHAM.	-	-	24.	BIRMINGHAM.	
NORWICH	113,263	64	48	13	18	-	-	-	2	2	-	-	1	5	5	-	221	18	41.0	21.4	35.7	2.08	0.07	0.18	24.	NORWICH.	0.07	0.18	24.	NORWICH.	
LEICESTER	213,851	139	100	30	27	-	3	-	3	7	1	1	2	7	17	2	244	37	-	-	-	-	-	-	24.	LEICESTER.	-	-	24.	LEICESTER.	
NOTTINGHAM	239,384	134	116	24	36	-	2	3	-	-	-	-	5	8	15	-	253	26	38.8	27.4	34.3	1.41	0.16	0.41	24.	NOTTINGHAM.	0.16	0.41	24.	NOTTINGHAM.	
DERBY	106,401	67	41	9	7	-	2	3	-	-	-	-	1	5	4	-	201	15	-	-	-	-	-	-	24.	DERBY.	-	-	24.	DERBY.	
BIRKENHEAD	115,182	69	50	16	16	-	5	-	-	-	-	-	4	8	6	-	226	23	-	-	-	-	-	-	24.	BIRKENHEAD.	-	-	24.	BIRKENHEAD.	
LIVERPOOL	634,212	401	412	80	97	-	12	4	1	22	3	4	20	26	101	22	339	38	44.3	28.2	35.5	1.94	0.24	0.74	24.	LIVERPOOL.	0.24	0.74	24.	LIVERPOOL.	
BOLTON	182,221	87	72	16	14	-	2	1	4	4	2	1	5	14	9	1	231	32	-	-	-	-	-	-	24.	BOLTON.	-	-	24.	BOLTON.	
MANCHESTER	543,502	331	243	49	70	-	8	1	4	5	2	3	15	22	48	2	238	22	-	-	-	-	-	-	24.	MANCHESTER.	-	-	24.	MANCHESTER.	
SALFORD	218,241	144	112	26	25	-	7	-	1	1	5	3	2	4	13	4	268	43	-	-	-	-	-	-	24.	SALFORD.	-	-	24.	SALFORD.	
OLDHAM	130,772	81	63	13	11	-	2	1	-	-	-	-	1	5	6	-	218	21	-	-	-	-	-	-	24.	OLDHAM.	-	-	24.	OLDHAM.	
BURNLEY	113,081	40	42	11	12	-	2	1	-	-	-	-	3	2	5	2	194	28	-	-	-	-	-	-	24.	BURNLEY.	-	-	24.	BURNLEY.	
BLACKBURN	135,154	71	51	4	13	-	2	1	2	4	-	-	1	2	2	4	197	31	-	-	-	-	-	-	24.	BLACKBURN.	-	-	24.	BLACKBURN.	
PRESTON	117,622	50	82	13	26	-	11	2	-	-	-	-	3	9	3	-	364	71	-	-	-	-	-	-	24.	PRESTON.	-	-	24.	PRESTON.	
HUDDERSFIELD	103,461	59	35	7	13	-	1	-	-	-	-	-	1	2	5	2	176	15	37.8	28.3	33.3	0.72	0.20	0.51	24.	HUDDERSFIELD.	0.20	0.51	24.	HUDDERSFIELD.	
HALIFAX†	97,721	35	44	9	8	-	2	-	-	-	-	-	1	1	1	-	235	21	-	-	-	-	-	-	24.	HALIFAX†.	-	-	24.	HALIFAX†.	
BRADFORD†	236,241	96	95	16	24	-	5	4	3	-	-	-	1	4	19	-	210	31	40.6	29.0	35.8	2.11	0.24	0.61	24.	BRADFORD†.	0.24	0.61	24.	BRADFORD†.	
LEEDS	429,389	254	154	32	32	-	3	1	8	8	-	-	4	16	13	-	189	25	-	-	-	-	-	-	24.	LEEDS.	-	-	24.	LEEDS.	
SHEFFIELD	361,169	251	159	29	49	-	9	1	15	2	2	1	8	9	17	11	230	43	-	-	-	-	-	-	24.	SHEFFIELD.	-	-	24.	SHEFFIELD.	
HULL	234,270	160	104	23	30	8	11	2	-	-	-	-	1	10	18	16	231	53	40.0	28.0	34.9	1.61	0.33	0.84	24.	HULL.	0.33	0.84	24.	HULL.	
SUNDERLAND	145,613	103	82	10	31	-	2	2	-	-	-	-	2	1	3	14	2	234	25	-	-	-	-	-	24.	SUNDERLAND.	-	-	24.	SUNDERLAND.	
GATESHEAD	106,552	82	43	12	9	-	2	1	-	-	-	-	1	-	-	-	210	20	-	-	-	-	-	-	24.	GATESHEAD.	-	-	24.	GATESHEAD.	
NEWCASTLE	228,625	172	109	25	29	-	4	1	-	-	-	-	1	-	4	7	249	21	-	-	-	-	-	-	24.	NEWCASTLE.	-	-	24.	NEWCASTLE.	

\* See note \* on first page of this return.  
† The recent extension of the Borough of Halifax, and of the Borough of Bradford, will not be taken into account in the Weekly Returns until 1900.



TABLE 2. LONDON.—Births and Deaths Registered in the FIFTY-FIRST Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years* 1889-98.	1899
<b>TOTAL Births</b>	2513	2202	1402	2423	2378	2703	2401	2522	2100	2422	2433.8	2585
Males - -	1237	1142	750	1221	1217	1305	1213	1285	1059	1232	1230.5	1343
Females - -	1246	1060	712	1232	1161	1303	1188	1237	1047	1190	1194.3	1237
<b>TOTAL Deaths</b>	1816	2203	1771	1606	2170	1148	1521	1459	1555	1470	1790.9	2677
Males - -	909	1059	911	783	1039	723	791	719	781	774	895.4	1301
Females - -	907	1147	830	820	1101	722	727	740	771	693	895.5	1303

\* The numbers in this column are the average weekly numbers in the fifty-first week of the ten years 1889-98, raised by 5.213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Sept. 30.	Oct. 7.	Oct. 14.	Oct. 21.	Oct. 28.	Nov. 4.	Nov. 11.	Nov. 18.	Nov. 25.	Dec. 2.	Dec. 9.	Dec. 16.	Dec. 23.
TOTAL Births - - -	2399	2540	2549	2529	2495	2613	2711	2674	2553	2439	2339	2209	2585
TOTAL Deaths - - -	1456	1584	1637	1567	1844	1628	1506	1528	1526	1695	1957	2078	2607
Ages at Death	(Under 1 year - - -	379	359	333	318	376	352	334	355	331	388	406	427
	1-5 years - - -	159	172	182	159	203	197	215	180	226	209	247	251
	5-20 " - - -	80	86	89	92	118	86	116	93	94	74	117	110
	20-40 " - - -	173	219	238	222	269	206	218	214	193	227	225	256
	40-60 " - - -	330	339	330	342	391	363	280	318	305	351	405	426
60-80 " - - -	280	316	378	352	391	339	274	300	312	349	446	476	
80 years and upward	55	73	87	82	96	83	69	68	65	97	111	132	203
Deaths from—													
Small pox - - - - -	-	-	-	-	-	-	-	-	-	-	-	1	-
Measles - - - - -	15	21	20	26	34	33	42	29	44	43	59	57	58
Scarlet Fever - - -	9	7	9	6	14	7	14	6	13	8	15	9	11
Diphtheria - - - -	44	55	56	60	59	39	68	56	43	52	43	55	54
Whooping-cough - -	23	10	10	6	10	14	11	9	16	15	20	36	31
Typhus - - - - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever - - -	19	19	21	15	40	29	51	55	29	26	29	13	36
Simple Continued Fever -	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery -	81	53	49	25	17	22	13	20	10	7	14	14	12
Cholera - - - - -	2	2	-	-	1	1	-	-	-	-	-	-	-
All the above Diseases -	193	187	165	138	175	145	199	175	155	151	180	185	202
Dis. of Respiratory System -	156	215	275	306	477	418	325	324	350	430	548	646	968
Phthisis - - - - -	157	173	180	203	203	157	133	141	153	177	190	225	208
Dis. of Circulatory System -	124	157	170	139	173	122	107	148	141	143	165	172	278
Violence - - - - -	57	71	75	79	63	54	75	57	61	68	76	81	107
Inquest Cases - - - -	135	148	144	153	185	122	144	134	154	155	188	203	263
Deaths in Public Institutions -	481	501	541	558	577	507	509	494	485	532	603	578	700
TEMPERATURE OF THE AIR.													
Mean - - - - -	52.1	49.3	47.3	47.4	51.3	53.2	50.9	45.9	45.5	45.3	41.9	39.9	34.7
Mean of Highest readings -	61.0	55.6	58.9	56.6	57.4	59.1	56.2	51.3	49.0	50.5	46.6	34.2	38.5
Mean of Lowest readings -	45.5	42.6	36.2	39.4	45.9	47.1	45.4	39.9	40.6	39.4	37.9	23.7	30.3
Humidity of the Air - - -	76	88	82	82	90	83	78	84	80	82	87	73	92
Rain-fall (in inches) - - -	1.01	0.50	0.12	0.00	1.30	1.81	2.33	0.00	0.00	0.29	0.46	0.05	0.08
Registered Sunshine (in hours)	325	12.2	38.9	43.3	7.8	22.5	20.9	8.4	0.0	8.2	10.0	7.4	0.7
CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.													
Small-pox - - - - -	-	-	-	-	-	-	-	1	1	1	1	-	5
Scarlet Fever - - - - -	23.36	30.03	32.17	34.03	35.04	35.39	35.64	35.78	35.03	34.45	32.90	30.84	29.16
Diphtheria - - - - -	1.87	1.51	1.505	1.659	1.700	1.715	1.892	1.736	1.761	1.735	1.730	1.720	1.701
Enteric Fever - - - - -	25.2	27.5	30.8	33.1	34.2	40.7	42.6	44.3	44.8	46.1	46.0	45.2	42.0

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.





TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHThERIA, WHOOPING-COUGH, FEVER DIARRHŒA, VIOLENCE, &amp;c., registered in SUB-DISTRICT during the Week ending Saturday, 23rd December, 1899.

		The DEATHS registered during the Week include																	
REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of														Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from													
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple Fever.	Continued Fever.	Diarrhoea.	Violence.			
LONDON -	4,411,710	2,585	2,607	429	947	-	58	11	54	31	-	36	-	12	107	263	700		
WEST DISTRICTS.																			
St. Mary Paddington } G. & W.	90,996	39	51	10	27	-	-	-	-	-	-	-	-	-	5	5	12		
WHH St. John Paddington H - - G.	33,510	8	13	-	2	-	-	-	-	-	-	-	-	-	2	4	8		
Kensington Town Ww - - W.	122,164	52	96	16	37	-	2	-	-	-	-	-	-	-	4	13	33		
Brompton HH- - - W. & C.	48,301	7	18	1	8	-	-	-	-	-	-	-	-	-	-	-	4		
North Hammersmith† H } W. & G }	44,638	30	18	3	7	-	-	-	-	-	-	-	-	-	1	2	-		
South Hammersmith† H } W. & G }	59,561	35	27	8	9	-	1	-	-	-	-	-	-	-	3	3	6		
Fulham Ww - - - W. & C.	113,781	86	80	19	16	-	6	1	3	1	-	1	-	1	3	5	17		
Chelsea Kensal Town - - C.	21,450	14	5	4	1	-	-	-	-	-	-	-	-	-	-	1	-		
Chelsea North WHHHH - - C.	42,057	19	25	4	11	-	-	-	-	-	-	1	-	-	1	2	1		
Chelsea South HE - - C.	33,139	11	25	3	12	-	-	-	-	-	-	-	-	-	-	2	11		
May Fair W - - - G.	23,827	4	22	-	14	-	1	-	-	-	-	-	-	-	-	2	15		
Belgrave WHHH - - C.	56,140	12	46	4	10	-	1	-	-	1	-	-	-	-	-	8	12		
St. John Westminster HH - C.	31,492	22	19	5	6	-	-	-	-	1	-	-	-	-	5	2	-		
St. Margaret Westminster H- C.	22,097	4	8	-	3	-	-	-	-	1	-	-	-	-	-	1	3		
St. James Westminster } N. & G.	23,050	2	7	-	4	-	-	-	-	-	-	-	-	-	-	-	1		
WH St. Anne Soho HHHHH - N.	12,048	4	8	1	4	-	-	-	-	-	-	-	-	-	-	-	2		
NORTH DISTRICTS.																			
All Souls Marylebone } - - W.	36,595	14	34	1	17	-	1	-	-	-	1	-	-	-	2	5	13		
HHHHHHHH Rectory Marylebone W } G. & W.	19,798	8	8	-	5	-	-	-	-	-	-	-	-	-	-	1	1		
St. Mary Marylebone } G. & W.	19,637	24	10	2	5	-	-	-	-	-	-	-	-	-	-	2	-		
HHHH Christchurch Marylebone H- W	32,547	12	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. John Marylebone HHH - W.	32,611	17	17	1	8	-	-	-	-	-	-	-	-	-	1	3	1		
Hampstead } - N. & W.	75,449	31	25	1	11	-	-	3	-	1	-	-	-	-	-	-	7		
WwHHHH Regent's Park Pancras HH - W.	37,341	17	19	2	11	-	1	-	-	-	-	-	-	-	-	4	-		
Tottenham-court } - N. & W.	26,757	10	26	3	10	-	-	2	-	1	-	-	-	-	1	4	12		
wHHHHHH Gray's Inn Lane HHHH - N.	29,426	8	27	3	8	-	-	-	-	-	-	2	-	-	5	8	9		
Somers Town HH - - N.	32,161	13	18	-	9	-	-	-	-	1	-	-	-	-	1	1	2		
Camden Town WH - - N.	16,669	10	21	2	13	-	-	1	1	1	-	-	-	-	1	2	14		
Kentish Town WW - - N.	98,410	46	53	14	22	-	1	-	1	-	-	-	-	-	1	2	5		
Upper Holloway } - - N.	98,273	50	82	12	32	-	1	-	1	-	-	-	-	-	1	3	45		
WWWwWHH Islington South-west H - N.	107,365	60	52	8	20	-	1	-	-	-	1	-	-	-	-	3	-		
Islington South-east - - N.	66,549	33	34	6	14	-	-	-	-	1	-	-	-	-	2	8	-		
Highbury HH - - N.	64,577	30	25	2	18	-	-	-	-	-	-	-	-	-	-	2	-		
Stoke Newington H - - N.	33,485	21	13	2	7	-	-	1	-	-	-	-	-	-	-	1	-		
North Hackney - - E. & N.	23	23	11	2	3	-	-	-	-	-	2	-	-	-	-	-	-		
Central Hackney ww - E. & N.	213,044	29	22	4	6	-	-	5	-	3	-	-	-	-	-	-	7		
South-west Hackney HHH E. & N.	51	24	8	7	-	-	-	-	1	1	-	-	-	-	2	3	6		
South-east Hackney WwH E. & N.	41	32	6	10	-	-	-	-	2	-	-	-	-	-	2	6	16		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; l—Private Lunatic Asylum in which paupers are received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. signifying Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. New River; E. East London; and K. the Kent Company.

\* See note † on first page of this Return.  
† The Sub-Districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899 and were re-named North Hammersmith and South Hammersmith, respectively.



**TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 23rd December, 1899—continued.**

REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation. 1896.	Total BIRTHS.	Total DEATHS	The DEATHS registered during the Week include																	Deaths in Public Institutions	Uncertified Causes of Death
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from																
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence	Inquest Cases						
CENTRAL DISTRICTS.																						
Bloomsbury and St. Giles } - N.	29,086	25	10	3	2	-	-	-	-	-	-	-	-	-	-	-	2	2	4	-		
North* WH- - - - N.	9,151	3	5	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Martin-in-the-Fields HHN. & C.	13,077	4	6	1	2	-	-	-	-	-	-	-	1	-	-	-	-	-	6	-		
St. Martin WHH - - - N.	11,839	5	10	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-		
St. Martin Union Workhouse, Edmonton	11,037	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-		
St. Martin WHHHHHH - - N.	31,042	19	22	7	4	-	1	-	-	-	-	-	1	-	2	1	2	9	-	-		
St. James Clerkenwell - - N.	15,777	8	9	2	4	-	-	-	-	2	-	-	-	-	-	1	-	-	-	-		
St. John Clerkenwell - - N.	34,356	21	20	5	7	-	-	-	-	-	1	-	-	-	-	1	2	-	-	-		
St. John street - - - N.	16,069	10	4	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. John road HHHL - - - N.	29,897	44	17	2	5	-	-	1	-	-	-	-	-	-	-	-	1	7	-	-		
St. John cross-street - - N.	7,595	2	5	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-		
St. John bury - - - N.	4,035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. John Union Workhouse, } St. John cham - - - N.	1892	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-		
St. Botolph† HH - - N. & E.	9,762	2	4	1	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-		
St. Botolph delegate - - N.	3,299	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph pulchre WH - - N.	9,591	3	15	-	3	-	1	-	-	-	-	1	-	-	-	2	4	11	-	-		
St. Botolph allows Barking - - N.	9,059	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph of London Asylum, Stone - -	1888	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-		
EAST DISTRICTS.																						
St. Edith South H - - E. & N.	17,975	14	10	2	4	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-		
St. Edith New Town w - - N.	29,575	15	28	1	12	-	-	-	2	1	-	-	-	-	-	1	1	10	-	-		
St. Edith Old Town - - N.	27,645	16	15	2	6	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-		
St. Edith yerston WH - - N. & E.	47,163	35	29	7	13	-	-	-	-	-	-	1	-	-	-	3	8	10	-	-		
St. Paul Green North H - - E.	49,301	50	18	3	3	-	-	-	-	2	-	-	-	-	-	-	-	1	-	-		
St. Paul Green South - - E.	34,194	26	17	5	4	-	-	-	1	2	-	-	-	-	-	2	3	-	-	-		
St. Paul Green East WWH - E.	45,667	39	32	6	12	-	-	-	-	-	-	-	-	-	1	2	2	19	-	-		
St. Paul Fields - - - E. & N.	26,681	21	12	3	2	-	1	-	-	1	-	-	-	-	-	-	1	-	-	-		
St. Paul End New Town\$ WH - E.	51,995	30	38	2	4	-	-	-	-	-	-	1	-	-	-	7	1	32	-	-		
St. Paul man's Fields\$ - - E.		8	8	1	6	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-		
St. George North - - - E.	39,576	31	12	3	3	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-		
St. George John, St. George East W E.	7,930	7	11	3	3	-	-	-	-	-	-	-	-	-	1	3	7	-	-	-		
St. George well H - - - E. & N.	10,434	6	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-		
St. George lift W - - - E.	14,954	6	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George house - - - E.	32,917	23	16	4	3	-	-	-	1	-	-	-	-	-	-	1	4	-	-	-		
St. End Old Town West H E.	111,060	40	20	2	10	-	1	-	-	1	-	-	-	-	-	1	2	-	-	-		
St. End Old Town East } St. End Ww - - - E.		38	26	3	10	-	-	-	-	-	-	-	-	-	-	2	4	5	-	-		
St. End l - - - E.	41,687	23	20	7	3	-	2	-	-	2	-	-	-	-	-	-	1	1	-	-		
St. End ley wvwH - - - E.	69,921	58	58	8	25	-	-	1	-	1	-	-	-	-	-	2	7	24	-	-		
St. End ar WW - - - E.	57,759	33	34	4	14	-	-	-	1	2	-	-	-	-	1	1	4	4	-	-		

The Sub-Districts of St. George Bloomsbury and St. Giles South were united on 1st November 1899, and re-named Bloomsbury and St. Giles South.

† Population in 1891, not included in the total population of the Central Districts or of London.

‡ The Sub-Districts of St. Botolph and Broad Street were united on 1st September 1899.

Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.



TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 23rd December, 1899—continued.

The DEATHS registered during the Week include																			
REGISTRATION SUB-DISTRICTS	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of														Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Fever.	Diarrhoea.	Violence.				
SOUTH DISTRICTS.																			
Christchurch Southwark WHL & S.	13,064	11	3	1	1	-	1	-	-	-	-	-	-	-	-	1	1		
St. Saviour Southwark - - - S.	12,301	8	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
Kent-road - - - S. & L.	22,879	14	12	3	2	-	-	-	-	-	-	-	-	-	-	1	1		
Borough-road WH - - - S. & L.	16,083	6	9	1	1	-	-	-	-	-	-	-	-	-	-	1	1		
London-road HL - - - L. & S.	21,316	15	9	-	3	-	-	-	-	-	-	-	-	-	-	-	-		
Trinity Newington - - - S. & L.	28,723	13	18	2	5	-	-	-	-	-	-	-	-	-	-	-	-		
St. Peter Walworth W - - S. & L.	62,045	44	43	12	14	-	3	1	-	-	-	-	-	-	-	3	7		
St. Mary Newington - - - L. & S.	30,171	19	21	6	6	-	-	-	-	-	-	-	1	-	-	1	8		
St. Olave WH - - - S.	11,731	7	25	-	5	-	1	-	-	-	-	-	2	-	-	5	7		
Bernardese W - - - S.	85,475	58	51	11	16	-	1	-	-	-	-	-	-	-	-	5	1		
Rotherhithe Ww - - - S. & K.	40,379	20	37	4	12	-	2	-	1	-	-	-	-	-	-	-	18		
Waterloo-road HH - - - L. & S.	23,396	24	15	3	6	-	-	-	-	1	-	-	-	-	-	-	-		
Lambeth Church 1st H - - - L. & S.	18,770	12	21	6	1	-	1	-	2	-	-	-	1	-	-	1	12		
Lambeth Church 2nd WW - - - L. & S.	40,994	24	41	10	19	-	-	-	-	-	-	-	-	-	-	3	4		
Kennington 1st H - - - S. & L.	52,486	39	33	9	13	-	2	-	2	-	-	-	-	-	-	7	28		
Kennington 2nd - - - S. & L.	43,244	19	18	1	11	-	-	-	-	-	-	-	-	-	-	-	-		
Brixton w - - - L. & S.	81,825	50	29	5	14	-	-	-	1	-	-	-	1	-	-	1	5		
Norwood WH - - - L.	29,318	11	17	3	8	-	2	-	-	-	-	-	-	-	-	1	1		
East Battersea - - - S.	71,730	53	27	6	9	-	5	-	-	1	-	-	-	-	-	-	3		
West Battersea WwH - - - S.	95,385	62	54	9	22	-	1	-	-	-	-	-	-	-	-	-	17		
Clapham H - - - S.	46,953	19	29	8	11	-	2	-	-	-	-	-	-	-	-	1	1		
Wandsworth WHHL - - - S.	58,101	37	25	8	11	-	1	-	-	-	-	-	-	-	-	3	3		
Putney - - - S.	20,566	7	9	-	5	-	-	-	-	-	-	-	-	-	-	1	1		
Streatham WwwwL - - - L.	61,644	38	45	8	13	-	2	2	5	-	-	5	-	-	-	2	1		
Dulwich - - - L. & S.	7,519	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
Camberwell Wwl - - - S. & L.	90,286	52	78	10	29	-	3	-	-	-	-	-	-	-	-	1	3		
Peckham WW - - - S., L. & K.	88,242	53	26	7	6	-	-	-	-	-	-	-	1	-	-	-	1		
St. George Camberwell - - - L. & S.	67,029	59	32	6	8	-	-	-	1	-	-	-	-	-	-	1	4		
Deptford North - - - K.	36,152	23	17	3	5	-	4	-	-	-	-	-	-	-	-	-	-		
Deptford Central w - - - K.	45,441	31	29	8	5	-	1	2	5	-	-	1	-	-	-	1	8		
Deptford South - - - K.	33,402	16	13	2	6	-	-	-	-	-	-	-	-	-	-	-	-		
Greenwich West H - - - K.	23,012	15	10	2	2	-	-	-	-	-	-	-	-	-	-	-	-		
Greenwich West WH - - - K.	37,787	15	34	5	17	-	-	-	-	1	-	-	-	-	-	2	1		
Eltham wH - - - K.	5,911	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lee H - - - K.	24,222	6	10	2	6	-	-	-	-	-	-	-	-	-	-	-	2		
Lewisham WwH - - - K.	38,139	33	43	3	20	-	1	-	10	-	-	-	-	-	-	-	22		
Sydenham H - - - L.	37,601	16	18	5	5	-	-	-	-	-	-	-	-	-	-	1	1		
Charlton wHH - - - K.	15,928	15	15	4	3	-	-	-	6	-	-	-	-	-	-	-	7		
Woolwich Dockyard - - - K.	19,355	8	11	4	2	-	-	-	-	-	-	1	-	-	-	-	-		
Woolwich Arsenal HHHH - - - K.	21,959	19	16	1	3	-	1	-	-	2	-	-	1	-	-	1	-		
Plumstead West H - - - K.	16,714	11	6	-	4	-	-	-	-	-	-	-	-	-	-	-	-		
Plumstead East WH - - - K.	42,638	35	22	3	10	-	-	-	-	-	-	-	-	-	-	1	6		
Banstead Asylum - - - -	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	2		
Horton Asylum, Epsom - - - -	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
Caterham Asylum - - - -	-	-	3	-	2	-	-	-	-	-	-	-	-	-	-	-	3		
Cane Hill Asylum - - - -	-	-	4	-	1	-	-	-	-	-	-	-	-	-	-	-	4		
Hospital Ships and Camp, Dartford	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1		
Darenth Asylum - - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
London County Asylum, Dartford	-	-	6	-	3	-	-	-	-	-	-	-	-	-	-	-	9		
Heath - - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hanwell Asylum - - - -	-	-	7	-	4	-	-	-	-	-	-	-	-	-	-	-	6		
Colney Hatch Asylum - - - -	-	-	5	-	2	-	-	-	-	-	-	-	-	-	-	-	5		
N.E. Hospital - - - -	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1		
Winchmore Hill Hospital - - - -	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1		
Leavesden Asylum - - - -	-	-	8	-	5	-	-	-	-	-	-	-	-	-	-	1	8		
Claybury Asylum - - - -	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	10		

6.—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE HOSPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 23rd December, 1899.

REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
					Deaths of		Deaths from										
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Dysentery.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unrecorded Causes of Death.
NDON—OUTER RING	368,749	1,422,063	1122	794	177	278	-	11	5	21	3	10	1	29	66	94	8
Carshalton H	12,228	26,108	9	8	1	2	-	-	-	1	-	-	-	2	2	2	-
Epsom, part of* WwHH	10,423	12,508	7	13	-	7	-	-	-	-	-	-	-	-	2	10	-
Godstone, part of* W	2,754	1,598	2	2	1	1	-	-	-	-	-	-	-	-	-	1	-
Croydon WwHHH	20,851	128,699	64	61	6	29	-	-	-	1	1	-	-	1	2	19	-
Mitcham w	11,697	23,072	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Wimbledon HHH	3,220	25,777	24	21	5	7	-	-	-	1	-	-	-	-	1	5	1
Kingston WH	-	33,566	20	25	7	10	-	-	-	-	-	-	-	-	1	2	-
Surbiton H-	14,672	12,178	6	10	1	7	-	-	-	-	-	-	-	-	-	1	-
Esher, part of* HH	-	11,080	6	7	2	2	-	-	-	-	-	-	-	-	-	-	-
Hampton HL	4,565	18,252	16	8	2	4	-	-	-	-	-	-	-	-	-	-	-
Richmond WH-	2,160	25,389	13	11	-	4	-	1	-	-	-	-	-	-	-	1	-
Mortlake H	2,823	16,159	8	8	1	4	-	-	-	1	-	-	-	-	1	-	-
Bromley HHH	9,127	23,815	11	8	-	2	-	-	-	-	-	-	-	-	-	-	-
Beckenham H-	6,542	21,969	16	10	1	5	-	-	-	-	-	-	-	-	-	-	-
Chislehurst, part of* WHH	14,307	20,372	13	13	3	7	-	-	-	-	-	-	-	-	-	2	1
Bexley HHH	12,540	30,590	34	11	2	5	-	-	-	-	-	1	-	-	1	-	2
Dartford WH, part of*	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	1	-
Sunbury w	11,054	13,671	12	11	2	4	-	1	-	-	-	-	-	-	-	-	-
Staines WH	13,277	13,221	15	2	-	2	-	-	-	-	-	-	-	-	-	-	-
Hillingdon WHH	6,035	12,237	5	8	-	6	-	-	-	1	-	-	-	-	-	2	-
Uxbridge	12,757	7,253	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hayes wH-	7,952	11,051	10	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Isleworth WHH	6,967	26,004	20	17	3	6	-	-	1	-	-	-	-	1	1	7	-
Twickenham HH	2,415	16,027	7	4	-	3	-	-	-	-	-	-	-	-	-	-	-
Brentford HHHH	4,318	37,777	21	19	3	6	-	1	-	-	-	-	-	2	3	1	-
Chiswick	1,245	21,963	15	17	5	5	-	-	-	-	-	-	-	-	1	-	-
Acton wHH	6,132	30,945	37	18	8	6	-	-	-	-	-	-	-	-	1	-	-
Harrow HHH	13,809	15,715	13	10	2	5	-	-	-	-	-	-	-	-	-	-	1
Edgware HH	6,994	3,844	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Willesden HHH	4,383	61,265	73	36	7	12	-	-	1	1	-	-	-	1	2	2	-
Hendon WH	8,382	15,843	11	17	6	5	-	-	1	-	-	-	-	1	1	1	-
South Mimms HH	-	6,367	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Barnet WHH	21,077	14,152	3	4	-	2	-	-	-	-	-	-	-	-	-	3	-
Finchley HHH-	4,688	25,320	17	11	4	5	-	-	-	-	-	-	-	1	1	-	-
Hornsey HH	3,039	61,097	35	19	3	6	-	1	1	-	-	-	-	1	1	-	-
Tottenham HH-	4,642	97,174	76	51	10	16	-	-	-	-	-	-	-	-	2	6	-
Edmonton WwW	7,489	36,351	30	34	11	9	-	1	-	1	-	1	1	1	4	8	-
Enfield WWHH	12,602	31,536	28	17	7	4	-	-	-	-	-	-	-	-	-	1	1
Waltham Abbey	11,017	6,066	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Cheshunt H	8,430	9,620	5	10	2	5	-	-	-	-	-	-	-	-	-	-	-
Hatfield, part of* W-	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bushey H-	9,331	7,737	1	10	3	4	-	-	-	-	-	-	-	1	3	-	-
Watford WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stratford H	-	38,612	27	22	6	6	-	-	-	1	1	-	-	4	4	3	-
Plaistow HHH	4,706	53,030	67	34	11	6	-	-	1	3	1	2	-	1	2	4	-
Canning Town H	-	54,750	61	42	13	8	-	-	-	-	-	-	-	3	2	-	-
Forest Gate w	-	53,511	37	14	5	3	-	-	-	-	-	-	-	2	2	-	-
East Ham wHH	3,266	32,713	68	25	6	4	-	-	-	3	-	-	-	1	3	-	-
Leyton WwWwH	4,334	70,188	51	46	9	22	-	1	-	3	-	1	-	2	5	11	-
Walthamstow HHHH	6,501	57,330	69	39	9	12	-	-	-	2	-	1	-	-	3	-	-
Chigwell, part of* HHHH	11,779	12,941	4	6	2	-	-	2	-	-	-	-	-	-	-	-	-
Epping WH, part of*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Romford, part of* WH	6,556	4,324	1	2	-	1	-	-	-	-	-	-	-	-	-	1	-
Ilford	8,493	10,913	13	7	1	3	-	-	-	-	-	-	-	-	1	-	-
Barking Town, H	3,814	14,301	20	13	4	3	-	3	-	-	-	-	-	2	2	-	-
Middlesex County Asylum, Wandsworth.	-	-	-	3	-	2	-	-	-	-	-	-	-	-	-	3	-
S.E. Fever Hosp., Deptford	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	1	-
N.E. Fever Hosp., Totten- ham.	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	-

parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Warringham and Uxbridge in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northwold in Old sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (pop. 1,079); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospital for the Poor belonging to the Outer Ring.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 23rd December, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.			
GREATER LONDON	443,421	6,528,434	27.2	2.0	3401	606	1225	-	69	16	75	34	46	13	13			
INNER LONDON -	74,672	4,546,752	29.9	2.3	2607	429	947	-	53	11	54	31	36	12	107			
OUTER RING -	368,749	1,981,682	20.9	1.3	794	177	278	-	11	5	21	3	10	1	29			

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	
EDINBURGH -	298,927	Dec. 23	148	112	19.5	-	-	-	1	1	2	
GLASGOW -	733,903	" 23	466	336	23.9	-	20	5	2	5	5	
DUBLIN -	349,594	" 23	138	285	42.5	-	24	1	3	2	3	
CALCUTTA -	466,460	Oct. 28	-	245	27.4	1	-	-	-	1	89†	
BOMBAY -	821,764	Nov. 28	255	959	58.6	14	13	†	†	†	232†	
MADRAS -	452,618	" 24	402	378	43.2	-	1	†	†	†	88	
PARIS -	2,511,629	Dec. 16	1069	1009	20.8	-	5	2	5*	3	9	
BRUSSELS -	561,130	" 16	275	190	17.6	-	-	-	-	1	2	
AMSTERDAM -	517,595	" 9	291	154	15.4	-	-	-	-	1	1	
ROTTERDAM -	315,305	" 9	203	95	15.5	-	-	-	2	1	1	
THE HAGUE -	199,285	" 9	97	60	15.7	-	-	-	-	-	-	
COPENHAGEN -	349,000	" 16	117	107	16.0	-	1	1	4	-	2	
STOCKHOLM -	291,580	" 9	157	88	15.7	-	-	2	4*	2	-	
CHRISTIANIA -	221,255	" 16	133	67	15.7	-	-	3	1	-	2	
ST. PETERSBURG -	1,132,677	" 9	745	541	25.0	3	14	16	40	8	8	
MOSCOW -	988,610	" 9	-	464	24.5	-	4	12	14	2	5	
BERLIN -	1,818,517	" 2	827	568	16.0	-	8	15	15	7	3	
HAMBURG -	675,351	" 16	-	209	16.1	-	2	1	2*	2	1	
DRESDEN -	397,300	" 2	-	-	-	-	-	-	-	-	-	
BRESLAU -	406,012	" 16	-	174	22.3	-	3	2	-	1	-	
MUNICH -	445,000	" 16	-	209	24.4	-	-	-	4*	3	1	
VIENNA -	1,623,134	" 9	817	554	17.6	-	15	1	8*	3	2	
PRAGUE -	384,622	" 9	177	174	23.4	-	2	2	3	3	2	
BUDA-PESTH -	666,722	" 9	468	219	17.1	-	4	10	3	1	-	
TRIESTE -	166,599	" 2	91	90	28.0	-	1	3	5*	2	-	
ROME -	508,779	Nov. 25	239	214	21.9	-	5	-	4	-	58	
TURIN (11 days) -	344,203	Oct. 31	239	202	19.5	-	-	-	-	1	2	
VENICE -	172,288	Dec. 2	63	82	24.8	-	-	-	4*	-	-	
CAIRO -	570,062	Nov. 18	423	340	31.†	-	-	-	6*	-	7	
ALEXANDRIA -	319,766	" 18	226	158	25.7	1	-	-	-	-	1	
NEW YORK (including Brooklyn) -	3,550,053	Dec. 2	1454	1147	16.9	-	11	7	41	4	19	
PHILADELPHIA -	1,266,832	" 9	-	412	17.0	-	-	3	27	2	8	

\* Including deaths from croup.

† Including 35 deaths from plague in Calcutta, and 137 in Bombay.

‡ Including 7 deaths from cholera in Calcutta, and 4 in Bombay.

§ Including 1 death from malarial fever.



1899.

1899.		TEMPERATURE.										Of the Air.				Of the Air Temperature and Dew Point.				Of the Radiation		Of the Earth		Oiler's.		Pressure on the Square Foot.		Robinson's.		Main in a																			
		Phases of the Moon.		Mean (corrected and reduced to Fahrenheit.)		Low-est.		Daily Range.		Mean daily value.		De-ature Average value, 50 years.		Mean daily value.		Greatest.		Least.		Highest in Ray's.		Lowest on Grass.		3 Feet below Surface.		General Direction.		Greatest.		Least.		Mean of the hourly Obs.		Horizontal Movement of the Air on each Day.		Vertical Movement of the Air on each Day.		Gauge in a well above the surface of Ground.											
																																								Degree of Humidity (Saturation 100).		Degree of Wind.							
		METEOR.		in.		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°									
DECEMBER.		Full		29806		363		242		121		303		- 97		251		52		73		34		81		378		212		4315		ESE. SE. & N.		N. & NNE.		lbs.		lbs.		Miles.		in.							
SUNDAY - 17		..		29911		399		355		44		378		- 19		306		12		46		08		96		464		321		4275		NNE. & N.		NE.		04		00		147		- 163		003					
MONDAY - 18		..		29989		385		275		110		331		- 62		325		06		43		00		93		418		242		4256		NE. & ESE.		ENE. & E.		00		00		96		- 214		040					
TUESDAY - 19		..		30001		388		278		110		354		- 36		326		28		39		00		89		425		243		4259		NE. & E.		E. & NNE.		09		00		167		- 142		000					
WEDNESDAY 20		..		30163		380		347		33		365		- 23		340		25		43		10		91		390		341		4249		NE.		NE. & E.		07		00		01		197		- 110		000			
THURSDAY - 21		..		30001		368		322		46		340		- 46		329		11		22		00		95		391		321		4249		SE. & ESE.		SE. & ESE.		03		00		00		141		- 164		004			
FRIDAY - 22		Apogee		29816		410		303		107		355		- 29		335		20		53		00		92		510		275		4250		ESE. & N.E.		Variable		01		00		00		101		- 202		000			
SATURDAY - 23		In Equator		29968		385		303		82		347		- 45		325		22		46		07		92		429		280		4205		NE, E. & SE.		NE, E. & SE.		..		..		Sum 1023		Sum 1131		Sum 008					
MEANS		-		29806		363		242		121		303		- 97		251		52		73		34		81		378		212		4315		ESE. SE. & N.		N. & NNE.		20		21		22		23		24		25		26	
No. of Column		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26	

The results apply to the civil day, or from midnight to midnight.  
The height of the cistern of the barometer is 159 feet above the mean level of the sea ;  
no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h, A.M., noon, 3h, P.M., and 9 P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 3). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Dalaisher's Hygrometrical Tables. The average temperature of the earth is derived from a discussion of the observations made at Greenwich during the 50 years ending 1880, and that of horizontal movement of the air from a discussion of the anemometer records for the 16 years ending 1875.

In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average. The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined. The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: -P, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable. The numbers in column 23, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day. The reading of the barometer increased from 29.73 in. at the beginning of the week to 30.17 in. by 9h. p.m. on the 21st; decreased to 29.90 in. by 9h. a.m. on the 23rd, and was 29.93 in. at the end of the week.

## GENERAL REMARKS.

DATE.		ELECTRICITY. (For explanation of symbols, see Note.)	Registered Sun above Horizon, in hours.
DECEMBER.			
SUNDAY	- 17	m. P. generally -	00 78
MONDAY	- 18	w. P., with occasional w. N., till 9h. A.M.; m. P. afterwards.	00 78
TUESDAY	- 19	m. P. throughout -	00 78
WEDNESDAY	20	v. P. till 4h. A.M.; w. P. generally afterwards.	00 78
THURSDAY	- 21	w. P. generally -	00 78
FRIDAY	- 22	w. P. and w. N. -	00 78
SATURDAY	- 23	s. P. till 6h. A.M.; v. P. afterwards.	07 78
			Sun 546
No. of Col. -			28 29

LONDON.  
PRINTED FOR HER MAJESTY'S STATIONERY OFFICE  
By DARLING & SON, LTD., 1-3, GREAT ST. THOMAS APOSTLE, EC

1899.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### THIRTY-TWO OTHER GREAT TOWNS

By Authority of the Registrar General.

Printed under the Superintendence of Her Majesty's Stationery Office,

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No. 52. 1899. VOL. LX.]      WEEK ENDING SATURDAY, DEC. 30.      [Price 1½d.

General Register Office, Somerset House,  
January 1st, 1900.

#### THIRTY-THREE GREAT TOWNS.

The deaths registered last week in THIRTY-THREE GREAT TOWNS of England and Wales corresponded to an annual rate of 30·6 per 1000 of their aggregate population, which is estimated\* at 11,404,408 persons in the middle of the year 1899. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Dec. 9.	Dec. 16.	Dec. 23.	Dec. 30.		Dec. 9.	Dec. 16.	Dec. 23.	Dec. 30.
33 Great Towns	20·8	22·0	27·5	30·6	Leicester - -	21·0	22·7	24·4	30·0
Birkenhead -	16·8	14·0	22·6	22·6	Liverpool - -	25·9	26·5	33·9	36·9
Birmingham -	16·9	22·6	28·6	25·7	London - - -	22·4	23·8	29·9	35·2
Blackburn -	20·8	17·0	19·7	23·9	Manchester - -	20·8	18·8	23·8	22·9
Bolton - - -	18·0	16·7	23·1	25·4	Newcastle-on-Tyne	21·0	19·4	24·9	28·3
Bradford - -	19·9	20·5	21·0	22·1	Norwich - - -	13·4	16·6	22·1	33·1
Brighton - -	21·6	20·7	35·1	33·0	Nottingham - -	14·4	19·4	25·3	34·9
Bristol - - -	19·5	21·3	25·5	22·7	Oldham - - -	13·5	19·4	21·8	30·1
Burnley - - -	15·7	16·6	19·4	19·4	Plymouth - - -	26·4	27·5	38·9	49·7
Cardiff - - -	14·3	19·9	24·4	20·2	Portsmouth - -	23·0	30·3	42·4	42·1
Croydon - - -	13·1	20·0	22·9	33·1	Preston - - -	25·3	25·7	36·4	39·5
Derby - - -	21·1	14·7	20·1	27·0	Salford - - -	21·7	23·4	26·8	26·5
Gateshead - -	21·5	16·1	21·0	25·9	Sheffield - - -	19·9	21·4	23·0	25·0
Halifax - - -	21·3	17·6	23·5	21·3	Sunderland - -	17·5	20·1	29·4	27·9
Huddersfield -	17·1	9·6	17·6	17·6	Swansea - - -	20·1	24·6	36·7	27·6
Hull - - - -	23·4	22·3	23·1	24·5	West Ham - - -	16·5	15·8	20·7	21·5
Leeds - - - -	18·2	20·4	18·9	22·3	Wolverhampton -	22·9	24·1	35·2	39·3

The highest annual death-rates per 1000 living, as measured by last week's mortality, were:—from *measles*, 1·0 in Swansea, in Oldham, in Huddersfield, and in Gateshead, 1·1 in Halifax, 1·3 in Bradford, 1·4 in Salford and in Newcastle-on-Tyne, 1·9 in Sheffield, 2·7 in Hull, and 5·8 in Preston; from *whooping-cough*, 1·1 in Cardiff, 1·2 in Wolverhampton and in Liverpool, 1·4 in Salford and in Newcastle-on-Tyne, 1·5 in Blackburn, 1·6 in Portsmouth, and 4·1 in Norwich; and from "*fever*," 1·0 in Plymouth. In none of the thirty-three towns did the death-rate from *scarlet fever* or from *diarrhoea* reach 1·0 per 1000. The 122 deaths from *diphtheria* included 56 in London, 18 in Sheffield, 6 in Leeds, 5 in West Ham, 5 in Manchester, 4 in Leicester, 4 in Liverpool, 4 in Blackburn, 3 in Brighton, and 3 in Preston. Ten deaths from *small-pox* were registered in Hull, but not one in any other of the thirty-three towns.

#### LONDON.

In LONDON† 1880 BIRTHS and 3067 DEATHS were registered. Allowing for increase of population, the births were 314 below, and the deaths 1043

\* By "estimated" population is meant merely the number of persons who would be living at a given time if the mean rate of increase in the last intercensal period had since been maintained.

† Including deaths of Londoners in the Metropolitan Workhouses, Hospitals, and Lunatic Asylums situated outside Registration London, but excluding deaths of persons not belonging to London occurring in the London Fever Hospital, in the Middlesex County Lunatic Asylum at Wandsworth, and in the Metropolitan Asylums Board Hospitals within Registration London. As far as practicable, the deaths thus excluded from Registration London are, for the purposes of Tables 1, 6, and 7, added to the Outer Ring, or to other areas to which they belong.



above, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 22·4, 23·8, and 29·9 in the preceding three weeks, further rose last week to 35·2. During the four weeks ending on Saturday last the death-rate averaged 27·8 per 1000, being 6·6 per 1000 above the mean rate in the corresponding periods of the ten years 1889-98.

The 3067 deaths included 64 from measles, 12 from scarlet fever, 56 from diphtheria, 28 from whooping-cough, 18 from enteric fever, 9 from diarrhoea and dysentery, and not one death from small-pox, from typhus, from any ill-defined form of continued fever, or from cholera; thus, 187 deaths were referred to these diseases, being 44 below the corrected average weekly number.

The deaths from *measles*, which had been 59, 57, and 58 in the preceding three weeks, rose last week to 64, but were 11 below the corrected average; 19 cases belonged to Battersea and 13 to Fulham sanitary areas. The deaths from *scarlet fever*, which had been 15, 9, and 11 in the preceding three weeks, were 12 last week, the corrected average being 17; 2 cases belonged to Islington, 2 to Hackney, and 2 to Newington sanitary areas. The deaths from *diphtheria*, which had been 43, 55, and 54 in the preceding three weeks, were 56 last week, the corrected average being 49; 10 cases belonged to Camberwell, 5 to Islington, 4 to St. Pancras, 4 to Shoreditch, 3 to Hackney, 3 to Bermondsey, and 3 to Battersea sanitary areas. The deaths from *whooping-cough*, which had been 20, 36, and 31 in the preceding three weeks, further fell last week to 28, and were 31 below the corrected average. The fatal cases of *enteric fever*, which had been 29, 13, and 36 in the preceding three weeks, fell again last week to 18, but were 2 above the corrected average; 2 cases belonged to Hammersmith, 2 to Islington, 2 to Lambeth, 2 to Battersea, and 2 to Wandsworth sanitary areas. The deaths from *diarrhoea*, which had been 14, 14, and 12 in the preceding three weeks, further fell last week to 9, and were 5 below the corrected average. The deaths referred to diseases of the respiratory organs, which had been 548, 646, and 968 in the preceding three weeks, further rose last week to 1172, and were 586 above the corrected average. The deaths attributed directly to *influenza* numbered 193, having been 42, 38, and 69 in the preceding three weeks.

Different forms of violence caused 103 deaths, concerning all but 1 of which inquests were held. Of these 103 deaths, 8 were cases of suicide, while the remaining 95 were attributed to accident or negligence. Five of these were referred to vehicles in the streets, 5 to conflagrations, 11 others to burns and scalds, and 26 (including 25 of infants under one year of age), to suffocation in bed.

#### CASES OF INFECTIOUS SICKNESS IN HOSPITALS.\*

According to returns from the Metropolitan Asylum and London Fever Hospitals there were 7 cases of small-pox, 2881 of scarlet fever, 1693 of diphtheria, and 406 of enteric fever under treatment in these hospitals on Saturday last (Table 3). The admissions during the week, as compared with those in the preceding three weeks, were as follow:—Of scarlet fever, 161 cases, against 277, 180, and 209; of diphtheria, 178 cases, against 237, 218, and 187; and of enteric fever, 43 cases, against 65, 50, and 49.

#### GREATER LONDON.

In Greater London 2630 births and 4020 deaths were registered, corresponding to annual rates of 21·0 and 32·1 per 1000 of the estimated population. In the Outer Ring 11 deaths from measles, 5 from scarlet fever, 24 from diphtheria, 10 from whooping-cough, 4 from "fever," and 2 from diarrhoea were registered. Twelve deaths from diphtheria and 3 from "fever" occurred in West Ham District; 3 deaths from scarlet fever, 3 from diphtheria, and 4 from whooping-cough occurred in Edmonton district.

#### METEOROLOGY.

The mean reading of the Barometer last week at Greenwich was 29·27 inches, and that of the Thermometer 38°·8; the latter being 0°·4 above the week's average in the 50 years 1841-90. The direction of the wind was variable, the horizontal movement of the air being 18 per cent, above the week's average in the 16 years 1860-75. The duration of registered bright sunshine in the week was 6·2 hours; the measured rainfall amounted to 0·59 of an inch.

\* The figures for the Hospitals represent patients certified on admission to be suffering from Scarlet Fever, Diphtheria, or Enteric Fever respectively; but in a considerable proportion of cases, the diagnosis is found after sojourn in the Hospital to have been erroneous.

CITIES AND BOROUGHES.	POPULATION estimated to the middle of 1899.*	Registered during 30th Dec. 1899		Deaths of		Deaths from						Deaths in Public Institutions.		Causes of Death.		per 1000 living corresponding to the Week's Deaths.		Mean.		Rainfall.		CITIES AND BOROUGHES.			
		BIRTHS.	DEATHS.	Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Rever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.	From All Causes.	From Diseases 6-12.	Highest.	Lowest.	Fahrenheit.		Centigrade.	In Inches.	In Cent.
Colts.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Colts.
33 TOWNS.	11,404,408	5040	6700	1211	2249	10	164	37	122	102	52	37	223	551	1424	107	30'6	2'4	50'4	17'0	36'4	2'44	1'23	3'12	33 TOWNS.
LONDON.	4,546,752	1880	3067	451	1168	-	64	12	56	28	18	9	103	280	859	21	35'2	21	50'2	25'3	38'8	3'78	0'59	1'50	LONDON.
WEST HAM.	300,241	103	124	32	32	-	2	-	5	1	2	1	6	9	10	2	21'5	1'9	-	-	-	-	-	-	WEST HAM.
CROYDON.	127,769	41	81	15	29	-	1	-	-	-	-	-	-	2	5	16	33'1	0'4	49'3	23'5	36'4	2'44	0'93	2'36	CROYDON.
BRIGHTON.	123,226	42	78	7	43	-	-	-	3	-	1	-	-	1	8	-	33'0	1'7	-	-	-	-	-	-	BRIGHTON.
PORTSMOUTH.	190,741	65	154	33	71	-	1	-	1	6	-	1	1	15	2	2	42'1	2'5	-	-	-	-	-	-	PORTSMOUTH.
PLYMOUTH.	100,637	44	96	14	40	-	-	-	1	-	2	1	3	11	16	-	49'7	2'1	-	-	-	-	-	-	PLYMOUTH.
BRISTOL.	320,911	119	140	29	56	-	-	-	1	1	-	-	2	12	23	-	22'7	0'3	50'4	24'0	38'1	3'39	1'68	4'27	BRISTOL.
CARDIFF.	185,826	79	72	25	11	-	2	-	2	4	-	1	3	9	4	-	20'2	2'2	-	-	-	-	-	-	CARDIFF.
SWANSEA.	103,722	47	55	11	14	-	2	-	-	1	-	1	-	2	1	1	27'6	2'0	-	-	-	-	-	-	SWANSEA.
WOLVERHAMPTON	88,821	52	67	22	17	-	-	-	-	2	1	-	6	10	14	-	39'3	1'8	47'0	22'0	34'2	1'22	1'05	2'67	WOLVERHAMPTON.
BIRMINGHAM	514,956	244	254	56	67	-	4	-	1	5	4	5	10	15	45	10	26'7	1'9	-	-	-	-	-	-	BIRMINGHAM.
NORWICH	113,263	59	72	26	24	-	-	-	1	9	-	-	-	7	7	2	33'1	4'1	-	-	-	-	-	-	NORWICH.
LEICESTER	213,851	88	123	25	48	-	2	-	4	3	2	-	1	5	13	2	30'0	2'7	-	-	-	-	-	-	LEICESTER.
NOTTINGHAM	239,384	118	160	33	65	-	1	3	1	-	1	1	4	4	16	3	34'9	1'5	47'3	20'5	34'8	1'56	1'01	2'57	NOTTINGHAM.
DERBY	106,401	53	55	10	16	-	1	-	-	-	1	-	4	8	7	-	27'0	1'0	-	-	-	-	-	-	DERBY.
BIRKENHEAD	115,162	57	50	9	17	-	-	-	1	-	-	-	2	2	5	-	22'6	0'5	-	-	-	-	-	-	BIRKENHEAD.
LIVERPOOL	634,212	347	449	82	126	-	7	6	4	15	4	5	20	31	119	34	36'9	3'4	46'3	24'4	36'6	2'55	1'40	3'56	LIVERPOOL.
BOLTON	162,221	97	79	19	20	-	1	1	-	2	2	-	5	15	8	1	25'4	1'9	-	-	-	-	-	-	BOLTON.
MANCHESTER	543,902	207	239	47	55	-	4	1	5	3	-	1	10	23	39	4	22'9	1'3	-	-	-	-	-	-	MANCHESTER.
SALFORD	218,244	103	111	22	23	-	6	1	2	6	-	3	2	11	14	1	26'5	4'3	-	-	-	-	-	-	SALFORD.
OLDHAM	150,772	52	87	17	28	-	3	2	-	1	-	-	1	5	13	-	30'1	2'4	-	-	-	-	-	-	OLDHAM.
BURNLEY	113,081	40	42	11	7	-	1	1	-	-	-	1	1	1	2	1	19'4	1'4	-	-	-	-	-	-	BURNLEY.
BLACKBURN	135,154	59	62	9	20	-	1	-	4	4	2	2	4	5	8	2	23'9	5'0	-	-	-	-	-	-	BLACKBURN.
PRESTON	117,622	60	89	21	26	-	13	1	3	-	1	1	2	3	12	3	39'5	8'4	-	-	-	-	-	-	PRESTON.
HUDDESFIELD	103,464	22	35	5	9	-	2	1	-	-	-	-	3	3	6	-	17'6	1'5	43'0	17'0	33'7	0'94	1'67	4'24	HUDDESFIELD.
HALIFAX†	97,721	33	40	9	12	-	-	2	1	-	1	1	1	2	8	3	21'3	2'7	-	-	-	-	-	-	HALIFAX†.
BRADFORD†	236,241	68	100	11	37	-	6	2	1	1	-	-	4	1	11	1	22'1	2'2	44'0	20'2	38'9	3'83	1'52	3'86	BRADFORD†.
LEEDS	423,389	195	181	41	42	-	5	2	6	3	1	1	10	22	29	-	22'3	2'2	-	-	-	-	-	-	LEEDS.
SHEFFIELD	361,169	218	173	36	46	-	13	1	18	1	5	1	4	5	26	9	25'0	5'6	-	-	-	-	-	-	SHEFFIELD.
HULL	234,270	131	110	26	15	-	10	12	1	-	-	-	5	8	23	1	24'5	5'1	-	-	-	-	-	-	HULL.
SUNDERLAND	145,613	109	78	15	22	-	12	1	-	-	2	-	-	5	12	2	27'9	1'4	-	-	-	-	-	-	SUNDERLAND.
GATESHEAD	106,552	78	53	15	14	-	2	-	1	-	-	-	1	2	9	-	25'9	1'5	-	-	-	-	-	-	GATESHEAD.
NEWCASTLE	228,625	120	124	27	29	-	-	-	2	6	1	1	7	12	26	2	28'3	3'6	-	-	-	-	-	-	NEWCASTLE.

\* See note \* on first page of this return.

† The recent extension of the Borough of Halifax and of the Borough of Bradford will not be taken into account in the Weekly Returns until 1900.



TABLE 2. LONDON.—Births and Deaths Registered in the FIFTY-SECOND Week of each of the Eleven Years, 1889-99.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Corrected Weekly Average in 10 Years 1889-98.*	1899
<b>TOTAL Births</b>	1815	1771	3181	2120	2106	1950	1501	1829	2363	2215	2193·3	1880
Males - -	927	873	1652	1063	1063	1061	758	904	1197	1154	1120·7	95
Females - -	888	898	1529	1057	1043	889	743	925	1166	1061	1073·1	93
<b>TOTAL Deaths</b>	1690	2231	3399	1830	1920	1434	1502	1279	2360	1593	2024·1	3067
Males - -	869	1069	1640	969	910	775	775	648	1195	823	1018·3	1485
Females - -	821	1162	1759	861	1010	659	727	631	1165	765	1005·8	1582

\* The numbers in this column are the average weekly numbers in the fifty-second week of the ten years 1889-98, raised by 5·213 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, METEOROLOGY, and CASES of INFECTIOUS SICKNESS in HOSPITALS, in the Last THIRTEEN WEEKS.

	Oct. 7.	Oct. 14.	Oct. 21.	Oct. 28.	Nov. 4.	Nov. 11.	Nov. 18.	Nov. 25.	Dec. 2.	Dec. 9.	Dec. 16.	Dec. 23.	Dec. 30.
<b>TOTAL Births</b>	-	2540	2549	2529	2495	2613	2711	2674	2556	2439	2339	2269	1880
<b>TOTAL Deaths</b>	-	1584	1637	1567	1844	1626	1506	1528	1526	1695	1957	2078	3067
<b>Ages at Death</b>													
Under 1 year - -	-	359	333	318	376	352	334	355	331	388	406	427	451
1-5 years - -	-	172	182	159	203	197	215	180	226	209	247	251	272
5-20 " - -	-	66	89	82	118	86	116	93	94	74	117	110	125
20-40 " - -	-	219	238	222	269	206	218	214	193	227	225	256	303
40-60 " - -	-	339	330	342	391	363	280	318	305	351	405	426	551
60-80 " - -	-	316	378	352	391	339	274	300	312	349	446	476	703
80 years and upwards	-	73	87	82	96	83	69	68	65	97	111	132	240
<b>Deaths from—</b>													
Small pox - -	-	-	-	-	-	-	-	-	-	-	1	-	-
Measles - -	-	21	20	26	34	33	42	29	44	43	59	57	64
Scarlet Fever - -	-	7	9	6	14	7	14	6	13	8	15	9	12
Diphtheria - -	-	55	56	60	59	39	68	53	43	52	43	55	54
Whooping-cough - -	-	10	10	6	10	14	11	9	16	15	20	36	28
Typhus - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever - -	-	19	21	15	40	29	51	55	29	26	29	13	18
Simple Continued Fever - -	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhoea and Dysentery - -	-	53	49	25	17	22	13	20	10	7	14	14	9
Cholera - -	-	2	-	-	1	-	-	-	-	-	-	-	-
<b>All the above Diseases</b>	-	167	165	133	175	145	199	175	155	151	180	185	187
<b>Dis. of Respiratory System—</b>													
Phthisis - -	-	215	275	306	477	418	325	324	350	430	543	646	1172
Diphtheria - -	-	173	180	203	203	157	133	141	153	177	190	225	239
Dis. of Circulatory System—	-	157	170	139	173	122	107	148	141	143	165	172	278
Violence - -	-	71	75	79	63	54	75	57	61	68	76	81	107
Inquest Cases - -	-	143	144	153	185	122	144	134	154	155	188	203	263
Deaths in Public Institutions—	-	501	541	558	577	507	509	494	485	532	603	578	859
<b>TEMPERATURE OF THE AIR.</b>													
Mean - -	-	49·3	47·3	47·4	51·8	53·2	50·9	45·9	45·5	45·3	41·9	29·9	38·8
Mean of Highest readings - -	-	56·6	58·9	56·6	57·4	59·1	56·2	51·3	49·0	50·5	46·6	34·2	43·3
Mean of Lowest readings - -	-	42·6	36·2	39·4	45·9	47·1	45·4	39·9	40·6	39·1	37·9	23·7	35·4
<b>Humidity of the Air</b>	-	86	82	82	90	83	78	84	80	82	87	73	84
<b>Rain-fall (in inches)</b>	-	0·50	0·12	0·00	1·30	1·81	2·33	0·00	0·00	0·29	0·46	0·05	0·59
<b>Registered Sunshine (in hours)</b>	-	12·2	38·9	43·3	7·8	22·5	20·9	8·4	0·0	8·2	10·0	7·4	6·2
<b>CASES OF INFECTIOUS SICKNESS IN HOSPITALS* AT THE END OF EACH WEEK.</b>													
Small-pox - -	-	-	-	-	-	-	1	1	1	-	-	5	7
Scarlet Fever - -	-	3903	3217	3408	3504	3539	3564	3578	3503	3445	3290	3084	2881
Diphtheria - -	-	1519	1595	1659	1700	1715	1692	1736	1761	1735	1730	1720	1693
Enteric Fever - -	-	275	308	331	342	407	426	443	448	461	460	452	406

\* The Metropolitan Asylum and London Fever Hospitals.

METEOROLOGICAL OBSERVATIONS.—(See TABLE 1.) The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glasher, Esq., F.R.S.; B. H. Mumby, Esq., M.D., Portsmouth; Arthur Newsholme, Esq., M.D., Brighton; A. W. Preston, Esq., F.R. Met. Soc., Norwich; John Merrifield, Esq., LL.D., Plymouth; R. C. Mann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Arthur Brown, Esq., M.Inst. C.E., and P. Boobyer, Esq., M.B., Nottingham; E. Plummer, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; A. Johnson, Esq., M.Inst. C.E., Bradford; and Mr. E. Peak, Hull.



TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTY-SECOND Week of the Year 1899.

CAUSES OF DEATH		Corrected Averages for the 52nd Week of the 10 years 1889-98*.	In the Week ending Saturday, 30th December 1899.										Corrected Averages for the 52nd Week of the 10 years 1889-98*.	In the Week ending Saturday, 30th December 1899.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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			ALL AGES.	Under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 years and upwards.	ALL AGES.	Under 20.	20 and under 40.	40 and under 60.		60 and under 80.	80 years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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The numbers in this column are the average weekly deaths for the ten years 1889-98, raised by 5.213 per cent. for increase of population.

Only those cases of small-pox are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement." The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter or suicide. All such causes are classed under "accident."

TABLE 5. LONDON.\*—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in SUB-DISTRICT during the Week ending Saturday, 30th December, 1899.

REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1896.	Total Births.	Total Deaths.	The DEATHS registered during the Week include															Inquest Cases.
				Deaths of Age.	Deaths from														
					Infants under 1 Year	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Violence.			
LONDON -	4,411,710	1,880	3,067	451	1168	-	64	12	56	28	-	18	-	9	103	280	850		
WEST DISTRICTS	773,251	243	528	67	208	-	18	3	7	3	-	3	-	3	18	53	152		
NORTH DISTRICTS	1,040,684	418	734	94	308	-	6	4	16	3	-	5	-	1	29	68	208		
CENTRAL DISTRICTS	233,635	79	157	20	45	-	2	-	2	2	-	1	-	-	5	14	49		
EAST DISTRICTS	716,334	417	499	95	173	-	7	-	1	7	-	2	-	-	16	64	153		
SOUTH DISTRICTS	1,642,796	723	1,099	175	422	-	31	2	30	10	-	7	-	5	34	80	247		
METROPOLITAN HOSPITALS AND ASYLUMS OUTSIDE REGISTRATION LONDON*	-	-	50	-	12	-	-	3	-	-	-	-	-	-	1	1	50		
WEST DISTRICTS.																			
St. Mary Paddington } G. & W.	90,996	37	60	10	24	-	-	-	-	1	-	-	-	-	1	5	19		
St. John Paddington H - - G.	33,510	1	17	1	8	-	-	-	-	-	-	-	-	-	5	5	7		
Kensington Town Ww - - W.	122,164	36	80	9	38	-	-	-	-	-	-	-	-	1	2	7	26		
Brompton HH - - W. & C.	48,301	4	23	1	9	-	-	-	1	-	-	-	-	-	1	6	6		
North Hammersmith† H } W. & G.	44,638	21	25	8	9	-	-	-	-	-	-	-	-	-	2	5	1		
South Hammersmith† H }	59,561	21	24	6	7	-	-	-	-	-	-	-	-	-	1	3	3		
Fulham Ww - - W. & C.	113,781	55	93	17	21	-	13	3	4	1	-	3	-	-	3	10	17		
Chelsea Kensal Town - - C.	21,450	9	11	2	5	-	-	-	-	-	-	-	-	-	-	-	-		
Chelsea North WHHHH - C.	42,057	16	40	3	15	-	3	-	-	-	-	-	-	-	-	2	18		
Chelsea South HH - - C.	33,139	7	17	1	11	-	1	-	-	-	-	-	-	-	3	-	-		
May Fair W - - - G.	23,827	3	46	1	26	-	-	-	-	-	-	-	-	-	-	-	39		
Belgrave WHHH - - C.	56,140	10	34	1	19	-	-	-	2	1	-	-	-	-	1	3	3		
St. John Westminster HH - C.	31,492	11	24	3	6	-	1	-	-	-	-	-	-	-	2	3	7		
St. Margaret Westminster H- C.	22,097	1	16	1	3	-	-	-	-	-	-	-	-	-	-	2	-		
St. James Westminster } N. & G.	23,050	8	12	2	5	-	-	-	-	-	-	-	-	1	2	4	6		
St. Anne Soho HHHHH - N.	12,048	3	6	1	2	-	-	-	-	-	-	-	-	-	-	1	1		
NORTH DISTRICTS.																			
All Souls Marylebone } - - W.	36,595	7	32	6	8	-	1	-	1	-	-	-	-	-	3	5	16		
HHHHHHHH } - - W.	19,798	6	14	-	5	-	-	-	-	-	-	-	-	-	-	2	4		
Rectory Marylebone W } G. & W.	19,637	24	12	4	3	-	-	-	-	-	-	-	-	-	-	-	1		
St. Mary Marylebone } G. & W.	32,547	12	13	2	4	-	-	-	-	-	-	-	-	-	-	1	7		
HHHH } - - W.	32,611	6	20	4	10	-	-	-	-	-	-	-	-	-	-	1	3		
Christchurch Marylebone H - W	75,449	28	53	6	13	-	-	2	8	1	-	4	-	-	1	1	23		
Hampstead } - N. & W.	37,341	11	22	3	11	-	-	-	-	-	-	-	-	-	-	-	1		
WwHHHH } - N. & W.	26,757	9	23	6	5	-	1	-	-	-	-	-	-	-	2	5	9		
Regent's Park Pancras HH - W.	29,426	16	24	5	11	-	-	-	-	-	-	-	-	-	4	5	7		
Tottenham-court } - N. & W.	32,161	12	23	1	11	-	-	-	-	-	-	-	-	-	1	2	7		
wHHHHH } - N.	16,669	12	36	5	24	-	-	-	-	-	-	-	-	-	-	2	28		
Gray's Inn Lane HHHH - N.	98,410	35	62	4	25	-	-	-	-	1	-	-	-	-	5	9	11		
Somers Town HH - - N.	98,273	34	115	7	55	-	1	-	1	1	-	1	-	-	3	7	69		
Camden Town WH - - N.	107,365	43	67	14	28	-	2	1	-	-	-	-	-	-	1	6	1		
Kentish Town WW - - N.	66,549	29	41	5	20	-	-	-	-	-	-	-	-	-	2	4	2		
Upper Holloway } - - N.	64,577	31	40	5	15	-	-	-	1	-	-	-	-	-	3	5	-		
WwWwWwH } - - N.	107,365	43	67	14	28	-	2	1	-	-	-	-	-	-	1	6	1		
Islington South-west H - N.	66,549	29	41	5	20	-	-	-	-	-	-	-	-	-	2	4	2		
Islington South-east - - N.	64,577	31	40	5	15	-	-	-	1	-	-	-	-	-	3	5	-		
Highbury HH - - N.	33,485	16	15	2	10	-	-	-	-	-	-	-	-	-	-	-	-		
Stoke Newington H - - N.	213,044	14	23	1	10	-	-	-	-	-	-	-	-	-	-	-	-		
North Hackney - - E. & N.	21	26	6	7	-	-	-	-	-	-	-	-	-	-	1	4	-		
Central Hackney ww - E. & N.	28	29	4	12	-	-	-	1	5	1	-	-	-	-	1	2	6		
South-west Hackney HHH E. & N.	24	44	4	21	-	-	1	-	-	-	2	-	-	-	1	3	4		
South-east Hackney WwH E. & N.															1	4	19		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated there; namely: W—Workhouse belonging to the District or Union; w—Workhouse belonging wholly or partly to other District than that in which it stands; H—Hospital; L—Lunatic Asylum; /—Private Lunatic Asylum in which paupers received. The Roman capitals signify the Water Companies which supply the different Sub-districts:—G. signifying Grand Junction Company; W. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. N. River; E. East London; and K. the Kent Company.

\* See note † on first page of this Return.

† The Sub-districts of St. Paul Hammersmith and St. Peter Hammersmith were re-arranged on 1st April, 1899 and were re-named North Hammersmith and South Hammersmith, respectively.



REGISTRATION SUB-DISTRICTS

† The Sub-Districts of St. Botolph and Broad Street were united on 1st September 1897.  
Whitechapel Church Sub-District was abolished on 1st January 1899, and divided between Mile End New Town Sub-District and Goodman's Fields Sub-District.



TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 30th December, 1899—continued.

The DEATHS registered during the Week include																
REGISTRATIONS SUB-DISTRICTS	Enu- mer- ated Popu- lation, 1896.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from										Inquest Cases.
				Infants under 1 Year of Age.	Persons aged 10 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erietic (or Typhoid) Fever.	Simple Continued Fever.	Diarrhoea.	Infolence.	
SOUTH DISTRICTS.																
Christchurch Southwark WH & S.	13,064	6	9	4	1	-	-	-	-	-	-	-	-	-	1	2
St. Saviour Southwark - - S.	12,301	4	5	5	2	-	-	-	-	-	-	-	-	-	-	-
Kent-road - - S. & L.	22,879	14	21	3	4	-	1	-	-	-	-	-	-	-	-	-
Borough-road WH - - S. & L.	16,083	6	12	1	4	-	-	-	-	-	-	-	-	-	-	-
London-road HL - - L. & S.	21,316	5	9	3	4	-	-	-	-	-	-	-	-	-	1	1
Trinity Newington - - S. & L.	28,723	18	9	3	3	-	-	-	-	-	-	-	-	-	-	-
St. Peter Walworth W - - S. & L.	62,045	37	39	17	17	-	3	-	-	-	-	-	-	-	1	3
St. Mary Newington - - L. & S.	30,171	21	27	7	14	-	1	-	-	-	-	-	-	-	1	3
St. Olave WH - - - S.	11,731	6	21	5	1	-	-	-	-	-	-	-	-	-	5	5
Bermondsey W - - - S.	85,475	38	44	9	12	-	1	-	-	-	-	-	-	-	2	5
Rotherhithe Ww - - S. & K.	40,379	23	33	8	9	-	-	-	1	-	-	-	-	-	-	-
Waterloo-road HH - - L. & S.	28,396	15	23	5	6	-	-	-	-	-	-	-	-	-	1	2
Lambeth Church 1st H - - L. & S.	18,770	15	30	3	7	-	-	-	-	-	1	-	-	-	3	6
Lambeth Church 2nd WW - - L. & S.	40,994	27	39	5	20	-	1	-	-	-	-	-	-	-	1	2
Kennington 1st H - - S. & L.	52,486	33	29	5	16	-	-	-	-	1	-	-	-	-	2	5
Kennington 2nd - - S. & L.	43,244	11	23	4	10	-	-	-	-	-	-	-	-	-	2	2
Brixton w - - L. & S.	81,825	31	43	8	17	-	-	-	-	-	1	-	-	-	3	3
Norwood WH - - - L.	29,318	9	20	3	11	-	1	-	-	-	1	-	-	-	-	-
East Battersea - - - S.	71,730	26	49	10	13	-	17	-	-	-	-	-	-	1	1	3
West Battersea WwH - - S.	93,385	37	73	9	30	-	2	-	-	1	1	-	-	-	4	6
Clapham H - - - S.	46,953	18	31	6	11	-	-	-	-	1	-	1	-	-	2	2
Wandsworth WHHL - - S.	58,101	26	33	9	13	-	-	-	-	-	-	-	-	-	1	4
Putney - - - S.	20,566	10	6	-	2	-	-	-	-	-	-	-	-	-	1	2
Streatham WwwwL - - L.	61,644	23	47	9	18	-	-	-	6	1	-	3	-	1	2	2
Dulwich - - - L. & S.	7,519	2	3	-	2	-	-	-	-	-	-	-	-	-	-	-
Camberwell Woolf - - S. & L.	90,286	26	77	7	43	-	1	-	1	-	-	-	-	-	2	4
Peckham WW - - S., L. & K.	88,242	40	54	5	27	-	-	-	-	-	-	-	-	1	1	4
St. George Camberwell - - L. & S.	67,029	29	34	9	12	-	1	-	-	-	-	-	-	1	-	1
Deptford North - - - K.	36,152	23	19	4	7	-	-	-	-	1	-	-	-	-	1	1
Deptford Central w - - K.	45,441	14	23	5	4	-	-	-	1	4	1	-	-	-	1	2
Deptford South - - - K.	33,402	6	15	-	9	-	-	-	-	-	-	-	-	-	2	-
Greenwich West H - - K.	23,012	5	7	-	2	-	-	-	-	-	-	-	-	-	-	-
Greenwich East WH - - K.	37,767	29	43	6	17	-	-	-	-	1	1	-	-	-	2	3
Eltham wH - - - K.	5,911	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Lee H - - - K.	24,222	9	11	3	5	-	-	-	-	-	-	-	-	-	-	-
Lewisham WwH - - K.	38,139	20	42	5	20	-	-	-	1	6	-	-	-	-	1	2
Sydenham H - - L.	37,601	7	17	3	8	-	-	-	-	-	1	-	-	-	-	-
Charlton wHR - - K.	15,928	5	10	2	2	-	-	-	-	-	5	-	-	-	-	6
Woolwich Dockyard - - K.	19,355	9	7	-	1	-	-	-	-	-	1	-	-	-	1	1
Woolwich Arsenal HHHH - K.	21,969	9	21	2	4	-	-	-	-	-	-	-	-	-	3	5
Plumstead West H - - K.	16,714	5	4	-	1	-	-	-	-	-	-	-	-	-	-	-
Plumstead East WH - - K.	42,538	24	35	2	13	-	1	-	-	-	-	-	-	-	1	2
Banstead Asylum - - -	-	-	6	-	1	-	-	-	-	-	-	-	-	-	-	6
Horton Asylum, Epsom - -	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Caterham Asylum - - -	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	2
Cane Hill Asylum - - -	-	-	11	-	1	-	-	-	-	-	-	-	-	-	1	11
Hospital Ships and Camp, Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Darenth Asylum - - -	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1
London County Asylum, Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heath - - -	-	-	5	-	-	-	-	-	-	-	-	-	-	-	1	-
Hanwell Asylum - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colney Hatch Asylum - -	-	-	7	-	1	-	-	-	-	-	-	-	-	-	-	7
N.E. Hospital - - -	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	3
Winchmore Hill Hospital - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leavesden Asylum - - -	-	-	4	-	2	-	-	-	-	-	-	-	-	-	-	4
Claybury Asylum - - -	-	-	10	-	4	-	-	-	-	-	-	-	-	-	-	10

—LONDON.—OUTER RING (excluding DEATHS of LONDONERS in METROPOLITAN WORKHOUSE SPITALS, and ASYLUMS).—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 30th December, 1899.

REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													
					Deaths of 1 Infants under Year of Age.	Persons aged 60 Years & upwards.	Deaths from									Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
							Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.				
DON—OUTER RING	368,749	1,422,063	750	953	190	393	-	11	5	24	10	4	2	18	76	88	11	
Carshalton <i>H</i>	12,228	26,108	9	16	2	4	-	-	-	-	-	-	-	-	2	-	-	
Epsom, <i>part of</i> * <i>WwHH</i>	10,423	12,508	6	10	-	3	-	-	1	1	-	-	-	-	-	5	-	
Godstone, <i>part of</i> * <i>W</i>	2,754	1,598	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Croydon <i>WwHHH</i>	20,851	128,699	48	91	16	35	-	1	-	-	-	-	-	2	7	19	-	
Mitcham <i>w</i>	11,697	23,072	14	16	4	8	-	-	-	-	-	-	-	-	-	-	1	
Wimbledon <i>HHH</i>	3,220	25,777	14	20	5	8	-	-	-	-	-	-	-	1	5	-	-	
Kingston <i>WH</i>	-	33,566	20	17	3	10	-	-	-	-	-	1	-	-	-	1	-	
Surbiton <i>H</i>	14,672	12,178	1	8	1	4	-	-	-	-	1	-	-	-	-	-	-	
Esher, <i>part of</i> * <i>HH</i>		11,080	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Hampton <i>HL</i>		18,252	6	8	5	-	-	-	-	-	-	-	-	-	-	1	-	
Richmond <i>WH</i>	2,160	25,389	11	28	2	15	-	-	-	-	-	-	-	2	3	10	-	
Mortlake <i>H</i>	2,823	16,159	7	7	1	3	-	2	-	-	-	-	-	-	1	-	-	
Bromley <i>HHH</i>	9,127	23,815	13	17	-	8	-	-	-	-	1	-	-	-	-	-	-	
Beckenham <i>H</i>	6,542	21,969	7	9	1	7	-	-	-	-	-	-	-	-	-	-	-	
Chislehurst, <i>part of</i> * <i>WHH</i>	14,307	20,372	12	12	1	8	-	-	-	-	-	-	-	-	-	3	-	
Bexley <i>HHH</i>	12,540	30,590	17	17	6	8	-	-	-	-	-	-	-	-	-	-	-	
Dartford <i>WH, part of</i> *	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	2	-	
Sunbury <i>w</i>	11,054	13,671	5	6	1	1	-	1	-	-	-	-	-	-	-	-	-	
Staines <i>WH</i>	13,277	13,221	6	4	-	3	-	-	-	-	-	-	-	-	-	-	-	
Hillingdon <i>WHH</i>	6,035	12,237	6	9	2	5	-	-	-	-	-	-	-	-	-	-	1	
Uxbridge	12,757	7,253	4	3	-	2	-	-	-	-	-	-	-	-	-	-	-	
Hayes <i>wH</i>	7,952	11,051	6	9	4	2	-	-	-	-	1	-	-	-	-	-	-	
Isleworth <i>WHH</i>	6,967	26,004	16	26	5	11	-	-	-	1	-	-	-	-	1	3	-	
Twickenham <i>HH</i>	2,415	16,027	10	11	4	4	-	-	-	-	1	-	-	-	2	-	-	
Brentford <i>HHHH</i>	4,318	37,777	15	18	4	7	-	-	-	1	-	-	-	1	5	1	-	
Chiswick	1,245	21,963	11	8	-	7	-	-	-	-	-	-	-	-	-	-	-	
Acton <i>wHH</i>	6,132	30,945	10	18	6	7	-	-	-	-	-	-	-	-	1	-	2	
Harrow <i>HHH</i>	13,809	15,715	7	10	3	6	-	-	-	1	-	-	1	1	2	-	-	
Edgware <i>HH</i>	6,994	3,844	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
Willesden <i>HHH</i>	4,383	61,265	46	42	7	18	-	1	1	-	-	-	-	-	2	1	-	
Hendon <i>WH</i>	8,382	15,843	11	12	1	6	-	-	-	-	-	-	-	-	-	2	-	
South Mimms <i>HH</i>	21,077	6,367	2	2	1	-	-	-	-	-	-	-	-	-	-	1	-	
Barnet <i>WHH</i>		14,152	8	4	2	1	-	-	-	-	-	-	-	-	1	-	-	
Finchley <i>HHH</i>		25,820	3	8	2	3	-	-	-	-	-	-	-	-	-	-	-	
Hornsey <i>HH</i>	3,039	61,097	24	38	5	23	-	1	-	-	4	-	-	-	4	-	-	
Tottenham <i>HH</i>	4,642	97,174	53	65	16	30	-	-	1	-	-	-	-	-	4	2	1	
Edmonton <i>WwW</i>	7,489	36,351	32	47	6	24	-	-	-	1	2	-	-	2	8	7	-	
Enfield <i>WwHH</i>	12,602	31,536	7	17	6	4	-	-	1	1	-	-	-	-	1	1	3	
Waltham Abbey	11,017	6,066	1	7	2	4	-	-	-	1	-	-	-	-	1	-	-	
Cheshunt <i>H</i>	8,480	9,620	9	7	2	3	-	-	-	-	-	-	-	-	-	-	1	
Hatfield, <i>part of</i> * <i>W</i>	3,306	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bushey <i>H</i>	9,331	7,737	6	5	2	-	-	-	-	-	-	-	-	-	-	-	-	
Watford <i>WH, part of</i> *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Stratford <i>H</i>	4,706	38,612	14	25	6	11	-	1	-	-	-	-	-	3	4	2	1	
Plaistow <i>HHH</i>		53,030	32	30	10	6	-	1	-	-	-	-	-	-	-	2	-	
Canning Town <i>H</i>		54,750	37	40	11	7	-	-	3	1	1	1	1	3	4	-	-	
Forest Gate <i>w</i>		53,511	20	23	5	6	-	-	-	-	1	-	-	-	1	-	1	
East Ham <i>wHH</i>		32,713	46	29	5	11	-	-	-	-	2	-	-	-	3	-	-	
Leyton <i>WwWwH</i>		4,334	70,188	29	57	8	24	-	1	-	2	1	-	2	6	18	-	
Walthamstow <i>HHHL</i>	6,501	57,330	48	50	12	16	-	1	-	5	-	-	-	1	4	-	-	
Chigwell, <i>part of</i> * <i>HHHH</i>	11,779	12,941	1	6	-	2	-	2	-	1	-	-	-	-	1	-	-	
Epping <i>WH, part of</i> *	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	1	-	
Romford, <i>part of</i> * <i>WH</i>	6,556	4,324	2	5	1	4	-	-	-	-	-	-	-	-	-	1	-	
Ilford	8,493	10,913	15	12	-	6	-	-	-	-	-	-	-	-	-	-	-	
Barking Town, <i>H</i>	3,814	14,301	17	15	4	3	-	-	-	1	-	-	-	-	3	-	-	
Middlesex County Asylum, Wandsworth.	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	2	-	
Middlesex County Asylum, annexe, Streatham.	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	

the parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parish of Ashted (pop. 1,351); 37: 1, the parishes of Waringham and Epsom in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 2,282); 41: 3, Chislehurst sub-district, except the parishes of Chelsfield, Cudham, and Knockholt (pop. 3,097); 135: 1, the parish of Northaw in old sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois and part of the parish of Epping (old sub-district); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses and Hospital for infectious Diseases belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 187: 2, Epping sub-districts.



TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS AND RATE OF MORTALITY during the week ending Saturday, 30th December, 1899.

GREATER LONDON.	Area in Acres.	Population estimated in the middle of the year 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include									
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from							
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
GREATER LONDON	443,421	6,528,434	32·1	1·9	4020	641	1561	-	75	17	80	38	22	11	12
INNER LONDON -	74,672	4,546,752	35·2	2·1	3067	451	1168	-	64	12	56	28	18	9	10
OUTER RING -	368,749	1,981,682	25·1	1·5	953	190	393	-	11	5	24	10	4	2	13

NOTE.—The area of Greater London is 443,421 acres. This area is equal to 692,845 square miles, which is equivalent to the area of a circle having a radius of 14,851 miles.

TABLE 8.—BIRTHS and DEATHS and Rate of MORTALITY in EDINBURGH, GLASGOW, DUBLIN and in certain FOREIGN CITIES.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.					
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.
EDINBURGH -	298,927	Dec. 30	-	-	-	-	-	-	-	-	-
GLASGOW -	733,903	" 30	-	-	-	-	-	-	-	-	-
DUBLIN -	349,594	" 30	247	280	41·8	-	15	1	1	2	2
CALCUTTA -	466,460	Nov. 11	-	307	34·3	4	1	-	1	-	102†
BOMBAY -	821,764	Dec. 5	288	995	63·0	18	15	?	?	?	241†
MADRAS -	452,518	" 1	409	328	37·6	-	2	?	?	?	99
PARIS -	2,511,629	" 23	1098	1156	23·9	-	4	4	5*	1	11
BRUSSELS -	561,130	" 23	246	269	24·9	-	-	-	6*	1	5
AMSTERDAM -	517,595	" 16	339	180	17·9	-	-	-	1	1	-
ROTTERDAM -	315,305	" 16	228	139	22·7	-	3	1	3	2	2
THE HAGUE -	199,285	" 16	110	57	14·9	-	1	-	-	1	-
COPENHAGEN -	349,000	" 23	184	146	21·8	-	-	1	1	5	-
STOCKHOLM -	291,580	" 16	147	104	18·5	-	-	-	9*	-	-
CHRISTIANIA -	221,255	" 23	154	66	15·5	-	-	-	-	1	-
ST. PETERSBURG	1,132,677	" 16	560	602	27·7	2	13	19	28	5	13
MOSCOW -	988,610	" 16	-	536	28·3	1	7	10	17	2	2
BERLIN -	1,818,517	" 9	881	572	16·2	-	9	16	14	12	4
HAMBURG -	676,351	" 23	-	211	16·2	-	-	3	2*	2	1
DRESDEN -	397,300	" 2	-	-	-	-	-	-	-	-	-
BRESLAU -	406,012	" 23	-	201	25·8	-	3	4	-	3	1
MUNICH -	445,000	" 23	-	-	-	-	-	-	-	-	-
VIENNA -	1,623,134	" 16	819	586	18·7	-	11	3	11*	2	1
PRAGUE -	384,622	" 16	184	177	23·8	-	3	7	5	4	3
BUDA-PESTH -	666,722	" 16	525	225	17·5	-	5	5	2	-	-
TRIESTE -	166,599	" 9	83	90	28·0	-	4	2	1*	-	-
ROME -	508,779	" 2	251	188	19·3	-	2	-	-	-	12§
TURIN (10 days)	344,203	Nov. 10	225	149	15·8	-	-	-	1	-	3
VENICE -	172,288	Dec. 9	85	90	27·2	-	-	-	4*	-	1
CAIRO -	570,062	Nov. 25	470	366	33·4	1	1	-	10*	2	3
ALEXANDRIA -	319,766	" 25	243	169	27·6	-	-	-	1*	1	3
NEW YORK (including BROOKLYN)	3,550,053	Dec. 9	1745	1193	17·5	-	11	6	40	9	20
PHILADELPHIA -	1,266,832	" 16	-	-	-	-	-	-	-	-	-

\* Including deaths from croup.

† Including 18 deaths from plague in Calcutta, and 135 in Bombay.

‡ Including 7 deaths from cholera in Calcutta, and 1 in Bombay.

§ Including 2 deaths from malarial fever.



1892.	MONTH AND DAY	Phases of the Moon.	Daily reading (corrected and reduced to 32° Fahrenheit).	Of the Air.				and Dew Point Temperature.			Of Radiation.		Of the Earth 3 feet below Surface.	General Direction.		Oalar's.		Pressure on the Square Foot.		Robertson's.		Ozone.
				High-est.	Low-est.	Daily Range.	Mean value.	De-Parture from Average of 50 years.	Mean daily value.	Great-est.	Least.	Equal.		High-est in Sun's Rays.	Lowest on the Grass.	A.M.	P.M.	Great-est.	Least.	Mean hourly obs.	Horizontal Movement of the Air on each Day.	
DECEMBER.				in.	°	°	°	°	°	°	°	°	°	°	S. & WSW.	W. SW. & S.	lbs.	lbs.	Miles.	Miles.	in.	
SUNDAY	- 24	..	297836	437	330	107	396	+ 13	364	32	55	10	88	461	291	4248	371	251	- 30	006	05	
MONDAY	- 25	Last Quarter.	29742	409	343	66	372	- 11	324	48	85	23	83	469	291	4243	21	270	- 30	000	15	
TUESDAY	- 26	..	29349	426	328	98	391	+ 07	361	30	54	15	89	432	296	4248	11	240	- 60	010	00	
WEDNESDAY	27	..	29356	328	254	74	281	-103	246	35	54	13	86	328	220	4235	01	00	99	000	00	
THURSDAY	- 28	..	29111	448	253	195	366	- 19	354	12	22	03	95	448	253	4225	37	00	319	+ 17	018	15
FRIDAY	- 29	..	28457	502	446	56	478	+ 92	411	67	80	29	77	569	402	4200	143	00	668	+362	025	50
SATURDAY	- 30	Greatest Dec. S.	29014	481	383	98	435	+ 49	347	88	137	41	71	807	309	4227	150	00	642	+336	000	15
MEANS	-		29266	433	334	99	388	+ 04	344	45	70	19	84	509	295	4232	..	..	Sum 2487	Sum +373	Sum 059	14
No. of Column	-	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	20	21	22	23	24	26

GENERAL REMARKS.

DATE.	ELECTRICITY. (Explanation of symbols, see Note.)	Registered in hours.	Sun above horizon, in hours.	GENERAL REMARKS.
DECEMBER.				
SUNDAY - 24	W. P. generally; v. N. between 4h. and 5h. A.M.	00	78	Overcast in morning, with rain between 4h. and 5h. A.M.; cloudy, with slight fog till evening; fine afterwards.
MONDAY - 25	v. P. and w. N. till 5h. A.M.; w. P. till 10h. A.M.; m. P. till 7h. P.M.; s. P. afterwards.	09	78	Overcast in morning; fine and partially cloudy till evening; cloudless at night.
TUESDAY - 26	v. P. and v. N. till 6h. P.M.; w. P. afterwards.	00	78	Overcast generally; frequent slight rain.
WEDNESDAY - 27	m. P. generally; occasional v. P.	00	78	Cloudy generally; gloomy in afternoon. Fog and hear frost at night.
THURSDAY - 28	w. P. generally; v. N. at night.	00	78	Overcast; frequent rain.
FRIDAY - 29	w. P. generally; occasional w. N.	00	78	Generally overcast; showery. Strong gusty wind prevalent throughout. Occasional lightning at night.
SATURDAY - 30	w. P. till noon; m. P. afterwards.	53	78	Very fine generally; strong wind till afternoon. Lightning in early morning.
Sum		62	546	
No. of Col. -	27	28	29	

The results apply to the civil day, or from midnight to midnight.  
 The height of the eastern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.  
 Observations are usually taken at 9h. A.M., 3h. P.M., and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer combined, the corrected mean of the readings of the mean and minimum thermometers, forming the mean daily value of the temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's hygrometrical tables. The average temperature of the air is that derived from a discussion of the observations made at Greenwich during the 50 years ending 1880, and that of the horizontal movement of the air from a discussion of the anemometer records for the 16 years ending 1876. In reading columns 9 and 24 it will be borne in mind that + indicates "higher," and - "lower," than the average.  
 The values given in column 17 are not corrected for the index error of the thermometer, which cannot be determined.  
 The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.  
 The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.  
 The reading of the barometer decreased from 29.93 in. at the beginning of the week to 29.26 in. by 5h. A.M. on the 27th; increased to 29.46 in. by 11h. P.M. on the same day; decreased to 28.28 in. by 5h. P.M. on the 29th; and increased to 29.17 in. by the end of the week.

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